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~~Nat. Hist.~~

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

JANUARY 1953
Volume LXII No. 1

~~NAT HIST~~

KANSAS CITY: 1953

NORTH DAKOTA - JANUARY 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

January was a mild month with slightly below-normal precipitation. It ranks as the 14th warmest January in the past 61 years. There were no severe storms and blizzards to appreciably disrupt traffic.

Temperature for the month averaged 14.2 degrees which is 7.3 degrees above normal. The eastern division averaged 10.7 degrees which is 5.6 degrees above normal; the middle division averaged 13.3 degrees which is 7.3 degrees above normal; and the western division averaged 18.7 degrees which is 9.1 degrees above normal. The mean temperature ranged from 25.5 degrees at Bowman to 4.8 degrees at Munich in the northeast part of the state. The highest reported temperature was 60 degrees at Marmarth on the 12th and the lowest reported temperature was 31 below on the 15th at Portal and Munich. The warmest period occurred from the 9th to the 12th during which nearly all stations reported their highest temperatures. However, almost the entire month was characterized by mild temperatures. The coldest periods were the 5th to 8th and 13th to 16th with most stations recording the lowest temperatures on the 15th and 16th.

Precipitation over the state averaged 0.43 inch which is 0.05 inch below normal. The eastern division averaged 0.38 inch which is 0.14 inch below normal; the middle division averaged 0.48 inch which is 0.04 inch above normal, and the western division averaged 0.42 inch which is 0.05 inch below normal. Williston reported the greatest amount with 1.00 inch. Enderlin reported the least amount with 0.07 inch. Almost all of the precipitation occurred as snow. There was some freezing rain and sleet reported at scattered stations on the 21st and 26th. Snowfall ranged from 15.6 inches at Keene in McKenzie County some distance west of Sanish to only 0.6 inch at the Dickinson Experiment Farm. The average for the state was 5.7 inches.

The mild weather was favorable for doing a great deal of outdoor work. Livestock went through the entire month in very good condition and in some areas of the state were able to graze on meadows, pastures and stubble fields to a great extent saving substantially on feed supplies. There were no blizzards reported during the month and across the northern part of the state very little or no high winds were reported. Both Devils Lake and Williston reported maximum winds under 30 mph for the month. Somewhat higher winds were reported over the south portion with Bismarck reporting 54 mph and Fargo 43 mph on the 26th. However, with relatively small snow cover and mild temperatures these high winds did not cause any widespread storm condition.--CJS

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SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
Bismarck WB Airport	SE	10	9.3	54	W	26	83	83	75	81	14	7	1	0	0	0	22	37	7.2
Devils Lake WB City	-	-	8.5	27	NW	10	-	-	-	-	21	7	1	0	0	0	29	38	7.5
Fargo WB Airport	NNW	17	13.5	43	NW	26	77	77	74	77	16	9	1	0	0	0	26	33	8.0
Williston WB City	-	-	6.1	29	W	26	76	77	69	71	14	7	1	1	0	0	23	40	7.6

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	3.3	58	-52	0.32	2.8	4
1893	0.8	52	-48	0.99	8.4	7
1894	0.6	60	-47	0.39	3.6	4
1895	-2.9	42	-46	0.56	5.5	5
1896	5.3	58	-42	0.77	6.6	6
1897	3.6	49	-38	0.77	7.5	5
1898	14.6	69	-32	0.11	1.1	2
1899	5.2	55	-41	0.25	2.4	3
1900	15.4	70	-30	0.22	2.0	3
1901	7.7	68	-39	0.28	3.0	4
1902	12.7	51	-40	0.14	1.4	2
1903	9.4	56	-37	0.66	6.7	5
1904	3.6	50	-52	0.40	4.0	5
1905	0.9	48	-40	0.32	2.9	3
1906	12.2	60	-38	0.69	6.9	4
1907	-6.2	45	-45	1.32	14.5	8
1908	17.0	70	-41	0.24	1.9	2
1909	3.5	53	-48	0.43	4.3	4
1910	9.4	49	-35	0.37	4.1	3
1911	-1.0	56	-43	0.84	8.5	6
1912	-4.6	63	-52	0.35	3.6	4
1913	3.2	60	-54	0.45	4.6	5
1914	14.8	62	-38	0.48	4.9	4
1915	5.8	51	-48	0.29	3.4	3
1916	-6.4	49	-56	1.36	15.1	6
1917	1.7	47	-46	0.72	8.6	5
1918	0.5	48	-44	0.47	5.0	5
1919	18.7	66	-44	0.18	1.7	2
1920	2.7	49	-44	0.97	10.0	5
1921	15.9	52	-31	0.24	2.5	2
1922	7.0	55	-46	0.49	5.2	5
1923	10.1	56	-35	0.52	6.0	5
1924	2.6	61	-42	0.23	2.5	3
1925	8.6	52	-35	0.24	2.5	3
1926	16.3	55	-30	0.38	4.1	4
1927	10.1	60	-44	0.42	4.3	4
1928	13.0	50	-41	0.20	2.3	3
1929	-4.8	42	-42	0.62	9.2	6
1930	-1.9	41	-43	0.29	2.7	4
1931	21.4	68	-31	0.15	1.4	2
1932	9.5	50	-34	0.56	6.3	4
1933	11.8	53	-30	0.80	10.0	7
1934	15.8	54	-36	0.20	2.0	3
1935	3.3	60	-44	0.41	4.9	6
1936	-5.8	43	-44	0.56	6.9	7
1937	-8.3	38	-44	0.67	9.0	6
1938	9.5	50	-40	0.48	6.1	6
1939	15.0	55	-32	0.47	6.0	6
1940	3.4	48	-39	0.10	1.4	3
1941	11.0	53	-33	0.54	6.3	5
1942	18.3	60	-35	0.09	1.0	2
1943	-1.4	45	-44	0.73	9.4	7
1944	21.8	61	-26	0.37	4.8	3
1945	12.7	51	-31	0.41	5.6	5
1946	11.2	56	-33	0.20	2.9	4
1947	16.0	57	-37	0.35	4.4	4
1948	9.3	59	-42	0.40	5.0	6
1949	1.7	58	-49	1.14	15.3	8
1950	-10.5	51	-51	1.04	14.5	9
1951	3.3	50	-43	0.57	8.4	6
1952	3.0	45	-37	0.70	9.2	7
1953	14.2	60	-31	0.43	5.7	6

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	22.0	3.5	12.8M	7.8	41	10	-18	16	1607	0	26	31	11	.16	- .37	.12	14	4.0	3	14+	2	0	0
ARVILLA STATE PARK	20.4	- .6	9.9		42	10	-27	16	1704	0	27	31	15	.19		.08	14	2.5			4	0	0
CARRINGTON	22.6	- .2	11.2	4.5	49	10	-22	16		0		31	13	.22	- .20	.11	18	4.6	4	6+	3	0	0
CAVALIER	17.5	-1.5	8.0	6.6	47	10	-24	16	1762	0	28	31	16	.58	- .09	.23	18	6.6	6	27+	7	0	0
COOPERSTOWN	22.6	.3	11.5M	7.2	40	10			1647	0		31											
DEVILS LAKE WB CITY R	19.0	- .2	9.4	4.6	46	9	-22	15	1721	0	27	31	15	.32	- .08	.15	17	4.4	3	19+	8	0	0
EDGELEY EXP FARM	22.3	3.6	13.0	4.2	42	10	-16	7		0	24	31	8	.24	- .25	.15	6		3	6+	3	0	0
EDMORE 1 W	19.4	-2.7	8.4M	8.2	42	10	-24	15	1756	0	27	31		.24	- .25				5	18+	6	0	0
ELLENDALE	25.3	5.1	15.2	5.2	46	10	-15	16	1539	0	25	31	8	.90	.44	.32	22	11.5	6	29+	8	0	0
ENDERLIN	21.8	1.6	11.7		39	10	-18	16		0	26	31	14	.07		.07	28				1	0	0
FARGO WB AP R //	18.7	2.0	10.4	3.3	38	10	-17	15	1690	0	28	31	13	.37	- .23	.11	6	3.3	4	18+	10	0	0
FORMAN	23.7	3.8	13.8	6.2	36	9	-17	16	1581	0	28	31	10	.45	.00	.26	22		3	22+	4	0	0
FULLERTON	23.9	3.7	13.8	4.7	42	10	-15	7+	1580	0	24	31	11	.73	.03	.24	5	7.3	4	5+	7	0	0
GACKLE	24.3	2.2	13.3M	5.6	40	26	-20	15	1603	0	24	31	12	.24	- .20	.10	6	3.3	3	6+	3	0	0
GRAFTON STATE SCHOOL	17.2	-3.7	6.8	4.2	41	10	-25	16	1804	0	28	31	20	.33	- .17	.17	18	3.4	6	18+	4	0	0
GRAND FORKS CAA AP	17.0	- .8	8.1	4.5	39	10	-19	15+	1759	0	28	31	17	.90	.37	.41	13	10.2	5	18+	9	0	0
GRAND FORKS UNIV	18.1	1.7	9.9	6.3	39	10	-19	16	1703	0	28	31	15	.39	- .14	.19	17	6.5			5	0	0
GRAND RAPIDS 1 N	23.7	2.3	13.0		43	26	-27	16	1607	0	26	31	10	.18		.15	28	2.0	5	29+	2	0	0
HANKINSON R R STA	22.0	.5	11.3	3.4	39	11	-18	16		0	25	31	15	.69	.22	.17	22				8	0	0
HANNAH	16.5	-4.9	5.8M	4.6	39	10	-29	15	1831	0	29	31	19	.60	- .10	.14	26	6.4	6	26+	10	0	0
HILLSBORO	20.8	3.3	12.1	7.2	39	10	-19	16	1635	0	26	31	14	.19	- .32	.13	14	4.0			3	0	0
JAMESTOWN CAA AP	22.4	1.5	12.0	4.9	45	9	-16	15	1641	0	24	31	13	.26	- .29	.08	13	3.5	2	1+	10	0	0
JAMESTOWN STATE HOSP	23.7	3.7	13.7	6.6	45	10	-16	15	1581	0	24	31	11	.17	- .38	.06	14	3.5			4	0	0
KENSAL WILDLIFE REF	25.8	.6	13.2		45	26	-19	5+	1600	0	18	31	15	.09		.06	17	2.2	1	1+	2	0	0
LANGDON EXP FARM	17.9	-4.1	6.9	6.5	37	9	-27	15	1798	0	28	31	17	.77	.16	.43	18	7.9	7	18+	8	0	0
LARIMORE	19.8	.7	10.3	6.5	42	10	-19	15+	1692	0	27	31	14	.24	- .36	.14	14	3.3			4	0	0
LISBON																							
MAYVILLE	20.2	3.1	11.7	5.7	42	10	-17	15+	1648	0	27	31	14	.41	.02	.14	14	5.7	5	18+	11	0	0
MC HENRY 5 N	20.0	- .2	9.9	8.4	41	10	-22	15	1703	0	26	31	14	.18	- .24	.05	13	3.4	2	6+	6	0	0
MC LEOD 3 E	22.8	2.1	12.5	4.2			-16	5+	1633	0		31		.34	- .22	.16	15				4	0	0
MUNICH 4 SW	15.0	-5.4	4.8		36	9+	-31	15	1863	0	29	31	19	.59		.25	17	9.5	8	18+	7	0	0
OAKES	21.6	- .9	10.4	1.5	42	10	-18	5+		0	27	31	15	.42	- .05	.14	22	5.2	5	22+	4	0	0
PARK RIVER	20.1	1.1	10.6	7.7	47	10	-19	15	1682	0	25	31	14	.15	- .34	.07	17	2.0	1	1+	3	0	0
PEMBINA 2 N	18.0	-3.7	7.2	4.8	34	10+	-29	16	1789	0	28	31	18	.46	- .17	.26	18		3	18+	7	0	0
PETERSBURG	19.7	-1.4	9.2		39	10	-20	15	1727	0	26	31	16	.33	- .11	.18	18	4.2	5	18+	5	0	0
SHARON	19.5	.4	10.0	6.5	40	10	-19	16	1703	0	28	31	14	.18	- .29	.07	17	3.0	2	1+	4	0	0
VALLEY CITY	22.6	3.8	13.2M	7.1	43	10	-18	16	1608	0		31	12	.21	- .33	.05	6+	2.1	4	22+	7	0	0
WAHPETON STATE SCHOOL	22.0	2.9	12.5	3.8	37	10	-20	16	1624	0	29	31	13	.83	.38	.43	22	12.1	9	22+	7	0	0
DIVISION			10.7	5.6										.38	- .14			5.1					
MIDDLE DIVISION																							
ASHLEY	25.7	4.6	15.2	6.5	45	10	-17	16	1539	0	21	31	9						5	6+			
BELCOURT INDIAN RES	18.7	-4.1	7.3		43	10	-28	15	1797	0	27	31		.39		.17	15		5	29+	5	0	0
BISBEE	18.3	- .9	8.7	6.9	39	9	-26	15	1743	0	28	31	15	.40	- .05	.16	17	4.0	4	18+	4	0	0
BISMARCK WB CITY	29.5	6.1	17.8M	9.8	48	10	-18	15		0	17	29	7	.42	.04	.18	6	9.1	3	6+	6	0	0
BISMARCK WB AP R	26.7	4.8	15.8	6.1	47	10	-21	6	1519	0	20	31	11	.43	.07	.14	5	7.7	3	6+	8	0	0
BOTTINEAU	17.5	-2.9	7.3	5.9	39	10	-26	15+		0	30	31	16	.52	.11	.28	18	8.1	8	18+	9	0	0
BUTTE	23.6	2.8	13.2M	5.3	45	10				0		31		.41	.05	.22	18	9.0	6	18+	3	0	0
CARSON NO. 2	31.2	6.4	18.8	8.7	48	10+	-20	15		0	14	31	5	.36	.00	.20	6	2.9	2	6+	6	0	0
CENTER	29.6	4.8	17.2	7.4	49	9	-21	15	1476	0	19	31	9	.72	.35	.23	5	7.5	5	6+	7	0	0
DRAKE	23.6	2.1	12.9	7.4	45	10	-22	15+		0	23	31	10	.35	- .04	.17	18		3	18+	3	0	0
ECKMAN	19.9	-4.5	7.7	4.6	41	10	-27	16		0	27	31	18	.63	.27	.30	18	6.5	5	18+	6	0	0
FESSENDEN	25.1	1.7	13.4	8.7	50	9	-22	6	1594	0	21	31	12	.21	- .28	.07	13+	2.5	2	17+	5	0	0
FORT YATES																							
FOXHOLM 7 N	25.8	2.9	14.4	7.6	48	10	-23	15	1569	0	19	31	11										
GARRISON	23.9	4.0	14.0	6.1	44	9	-23	15	1577	0	20	31	7	.44	.07	.29	5	4.4			3	0	0
GRANVILLE	24.3	2.5	13.4	8.3	43	9	-22	15	1594	0	24	31	13	.38	.00	.30	17	4.5	5	17+	3	0	0
HANSBORO	18.6	-1.7	8.5	7.9	42	10	-28	15	1750	0	26	31	17	.30	- .31	.16	26	5.8	4	30+	7	0	0
LEEDS	20.7	- .1	10.3M		45	10	-24	15	1689	0		31	13	.55		.20	17		6	18	9	0	0
LINTON	29.4	6.0	17.7M	8.4	48	30	-17	15	1467	0	17	31	9	.34	.00	.22	6	8.3	6	6+	6	0	0
MADDOCK AGR SCHOOL	22.8	2.7	12.8	8.2	43	10	-23	15	1616	0	24	31	7	.45	.03	.18	17	3.4			6	0	0
MANDAN EXP STATION	27.2	6.5	16.9M	8.3	45	1+	-18	15+		0		31	8	.45	.08	.28	6	7.4	5	6+	6	0	0
MANDAN FT LINCOLN PARK	30.8	6.7	18.8		48	10+	-19	15	1427	0	15	31	7	.32		.13	6	6.8	4	6+	7	0	0
MAX	22.9	3.1	13.0	8.5	42	1+	-23	16		0	23	31	9	.30	- .05	.20	18	5.0			2	0	0
MC CLUSKY	22.2	4.1	13.2	6.8	43	9	-22	15	1603	0	24	31	9	.45	.01	.18	17	4.5	3	6+	12	0	0
MINOT CAA AP	23.4	5.2	14.3	7.7	45	9	-23	15	1564	0	23	31	10	.86	.49	.48	17	8.2	5	18+	13	0	0
MINOT EXP FARM	24.2	3.9	14.1		44	9	-23	15	1573	0	23	31	10	.47		.32	17	7.8	9	17	4	0	0
MOHALL	21.0	.8	10.9	6.1	44	9	-27	15	1671	0	24	31	11	.80	.46	.48	17	9.1			8	0	0
NAPOLEON 1 SE	26.5	2.9	14.7M	7.9	43	10	-20	15	1542	0	19	31	12	.44	.03	.25	6	5.9	4	6+	8	0	0
NEW SALEM 1 S	29.1	6.6	17.9M	8.2	49	9	-21	15	1450	0	19	31	7	.45	.01	.12	5+	5.9			8	0	0
PETTIBONE	25.3	3.2	14.3	10.4	43	26	-20	15	1567	0	22	31	8	.18	- .20	.12	6	2.9	2	6+	4	0	0
RIVERDALE	25.6	5.0	15.3		49	10	-21	15+		0	19	31	7	.34		.16	6	7.1	6	6	4	0	0
ROLLA	18.8	-2.9	8.0	5.4	43	10	-27	15	1765	0	26	31	20	.73	.20	.29	17	7.2	7	18+	9	0	0
RUGBY	22.5	1.3	11.9		40	9	-26	15	1641	0	25	31	13	.77	.34	.20	17				13	0	0
SAN HAVEN	19.2	.6	9.9	7.1	43	10	-27	15	1704	0	27	31	15	.49	.06	.23	17	4.9	6	18+	10	0	0
STEELE	26.5	3.4	15.0	7.8	43	26+	-20	6+	1547	0	20	31	11	.41	.01	.25	6	7.6	4	6+	5	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2 · CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. Depth on Ground	Snow, Sleet, Hail Date	No. of Days .01 or More	No. of Days .50 or More	No. of Days 1.00 or More
TOWNER	22.9	1.5	12.2	8.1	42	9	-26	15	1631	0	24	31	14	.80	.35	.52	17	13.0	11	28+	6	1	0
TURTLE LAKE																							
UNDERWOOD	25.3	3.5	14.4	4.5	45	10	-22	16		0	22	31	10	.60	.27	.35	6	6.7	4	6+	5	0	0
UPHAM 3 N	23.1	-1.1	11.0		41	9	-27	15	1668	0	25	31	17	.63		.27	17	9.0	8	18+	7	0	0
VELVA	25.6	4.3	15.0M	8.3	45	9	-21	15	1553	0	21	31	9	.53	.11	.28	17	7.5	6	18+	7	0	0
WASHBURN	29.4	3.9	16.7M	8.5	48	9	-24	15	1494	0	17	31		.39	.07	.16	6				6	0	0
WESTHOPE	20.7	-1.4	9.7	7.6	41	9	-29	15	1710	0	28	31	15	.44	.11	.28	17		6	17	4	0	0
WILLOW CITY	19.7	-3.7	8.0	6.9	43	10	-28	15	1761	0	27	31	17	.81	.26	.51	17	9.5	8	17+	6	1	0
WILTON R R STATION	25.4	4.2	14.8	6.8	46	10	-22	16		0	21	31	10	.35	.01	.13	6	5.5	3	6+	4	0	0
WISHEK	27.8	.7	14.3M	7.0	44	10	-27	6	1550	0	20	31	13										
DIVISION			13.3	7.3										.48	.04			6.6					
WESTERN DIVISION																							
ALMONT 7 SW	32.5	10.1	21.3M		50	12	-20	15	1347	0		31	5	.35		.08	5	5.2	2	5+	8	0	0
AMIDON	36.2	12.9	24.6	10.0	57	12+	-20	15		0	9	31	5	.39	-.04	.12	6	5.3	2	6+	5	0	0
BEACH	35.9	11.2	23.6	11.5	57	13	-21	16		0	11	31	5	.38	-.08	.12	6		2	6	8	0	0
BELFIELD	36.2	10.3	23.3M	9.0	57	12	-22	15	1298	0	9	31	5	.32	-.14	.10	17+				5	0	0
BOWBELLS	22.5	-.5	11.0	6.2	47	10	-27	15+		0	23	31	4	.53	.03	.38	18	5.5	5	18+	2	0	0
BOWMAN COURT HOUSE	37.9	13.0	25.5	10.9	59	11+	-21	15	1219	0	6	30	5	.45	.01	.19	3				6	0	0
CROSBY	23.4	1.8	12.6	8.2	41	9	-30	15	1620	0	21	31	12	.39	-.01	.23	17	6.7	5	17+	5	0	0
DICKINSON CAA AP	33.6	10.1	21.9	11.3	57	12	-21	15	1333	0	12	31	5	.30	-.12	.06	5+	2.5	1	6+	8	0	0
DICKINSON EXP STA	34.8	8.6	21.7M	11.1	56	26				0	11	31	5	.17	-.25	.08	6	.6	T	6+	6	0	0
DUNN CENTER	30.0	4.7	17.4	5.2	50	12	-23	16		0	16	31	8	.38	.02	.15	6	6.3	2	6+	5	0	0
ELBOWOODS	30.8	6.4	18.6M	10.0	50	9	-23	6	1438	0		31		.33	.00			5.2	3	6+	5	0	0
EPPING	25.9	4.1	15.0	9.8	45	9+	-29	15	1545	0	23	31	11	.60	.18	.25	17		6	31	3	0	0
GRENORA	27.0	4.6	15.8M	10.9	48	9	-27	15	1519	0	21	31		.28	-.16	.15	18	6.1	4	18+	4	0	0
HETTINGER	35.5	12.6	24.1	10.4	58	12	-21	15	1265	0	9	31	5	.51	.15	.15	5		2	5+	6	0	0
KENMARE	23.2	.1	11.7	5.9	45	10	-26	16		0	21	31	15	.74	.39	.42	18				7	0	0
LOSTWOOD 12 N	22.5	1.1	11.8		44	9	-30	15	1642	0	23	31	14	.32		.17	17	6.8	4	7+	5	0	0
MARMARTH	36.1	13.2	24.7	11.2	60	12	-20	15	1245	0	8	31	5	.37	-.05	.12	5	5.5	2	5+	5	0	0
MEDORA 4 NNE	37.3	10.4	23.9		57	12	-27	6	1271	0	10	31	4	.28		.11	5	3.3	2	5+	5	0	0
MOTT	37.4	8.1	22.8M	12.6	58	12	-19	15	1309	0	7	31	6	.35	-.14	.09	5	3.3	1	5+	8	0	0
NEW ENGLAND	36.6	10.3	23.5	10.0	58	12	-21	15	1281	0	9	31	5	.13	-.33	.07	31	2.0			2	0	0
NEWTOWN	27.5	4.3	15.9	10.8	52	9	-23	15	1515	0	19	31	9	.52	.04	.25	5	7.0	4	7+	8	0	0
PARSHALL	26.8	2.9	14.9	8.6	47	9	-25	15	1548	0	19	31	11	.51	.17	.22	17	4.8	3	31	9	0	0
PORTAL	21.9	-1.5	10.2M	7.2			-31	15		0	24	31	16	.42	.02	.25	18	3.0	4	18+	3	0	0
POWERS LAKE 1 N	26.0	2.1	14.1M	6.0	46	9+			1575	0	24	31	13	.42	-.10	.29	17	6.5	5	18	3	0	0
RICHARDTON ABBEY	34.1	10.7	22.4	11.3	52	10+	-21	15	1315	0	11	31	6	.40	.02	.10	6	4.7	2	6+	8	0	0
STANLEY	24.7	1.1	12.9M		46	9	-27	15	1611	0		31		.60	.21	.36	17	7.5	5	17+	2	0	0
WATFORD CITY	30.7	7.3	19.0	9.2	52	9	-22	15	1420	0	14	31	6	.60	.13	.28	5	9.3			5	0	0
WATFORD CITY 14 S	35.7	9.0	22.4M		55	11+	-24	6	1318	0	12	31	6	.23		.12	5	3.0	2	5	2	0	0
WILLISTON WB CITY R //	26.0	6.2	16.1	6.1	47	9	-22	15	1511	0	20	31	7	1.00	.51	.55	17	12.6	6	7+	9	1	0
DIVISION			18.7	9.1										.42	-.05			5.3					
STATE			14.2	7.3										.43	-.05			5.7					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.55							.10	T	.05	T		.06	.07	T			.12		T	T				.03	.02	.06				.04	T
ALEXANDER	.63			T		.24		.10							T			.19				T				T				.06		.04
ALMONT 7 SW	.35			.07	T	.08	.02			T				T	.03			.04		T		.03								.04		.04
AMBROSE	.38				.01		.09	T						.03	.02			.23					T	T					T	T	T	T
AMENIA	.16				T									T	.12			T	.04	T	T						T	T		T		
AMIDON R	.39			T	.10	T	.12										T	.10					T				.02		T		.05	T
ARVILLA STATE PARK	.19							T	T					.04	.08			.04	.03				T				T				T	
ASHLEY	-						.19							T	T			-					T						.05	.05		T
BALTA	.43					T								T				.30	T								.13			T		
BANTRY	.69					.07	.07							.08				.40											.07			
BEACH R	.38					.01	.12								.02	.02		.06	T				.02				.06				.07	
BELCOURT INDIAN RES R	.39				T	T	.03	.03						.03				.17								T				.13	T	
BELFIELD	.32			.06	.03									T	T			.10	T			.03								T	T	.10
BERTHOLD	.53					.11		.01	.01						.01			.35				.01							.01	.01		.01
BEULAH R	.39			.04		.08	.15																						.05	.07		
BISBEE	.40					.06	T							.13				.16	.05							T	T		T	T	T	
BISMARCK WB CITY	.42				T	T	.18				T			T	.02	T			.03	T	T		.01				T	T	.08	.10	T	T
BISMARCK WB AIRPORT R	.43			T	T	.14	.03			T			T	.02	T	T		.03	T	T	T	.01	T			T	T	T	.07	.09	T	.04
BOTTINEAU	.52				T	T	.04		.04		.01	T		T	.05	T			.28	.03				T		.01		.05	T	T	T	.01
BOWBELLS	.53					T	.15		T					T	T				.38	T	T							T				
BOWMAN COURT HOUSE	.45			.19		.07								T	.10	T				.03		T						T	.02	.04		
BOWMAN 11 SE	.43			.20	T								.07	T	.10	T				.03	T	T						T		.03		
BOWMAN 30 NNW	.43			T		.13								.04	.04			T				.10					.12	T				
BURT 16 N	.13		T			.05								T				T					T				T	T		.04		.04
BUTTE	.41					T	.12							T		T			.22			T						T		.07		
CARRINGTON	.22					T	.08				T			T					.11			T							.03	T		
CARSON NO 2	.36				.02	.05	.20							T	.05	[illegible]			T							T				.02		
CAVALIER	.58					[illegible]	.03	.01	T					.09				[illegible]	[illegible]	T					T		T	.11	T		.01	T
CENTER	.72				T	.23	.10							.07				[illegible]											.07	.07		.10
COLGATE	.21				T		.05								.07				[illegible]								T		T	.03		
COLUMBUS	.35				T	.03		.04		T				.03	.02			[illegible]	[illegible]								.01				.01	
COOPERSTOWN	-				T		.07							.05	-			[illegible]	-				-							-		
COURTENAY	.14						.05								.03			.05									T		T		.01	T
CROSBY R	.39				T	.08	T	.03						.03	.02			.23	T	T			T	T	T		T	T	T	T	T	T
DEVILS LAKE W B CITY R	.32	T	T	T	T	.03	T	T	T	.02	T		T	.03	T	T	T	.15	T	[illegible]	T	T	T		.01	T	.06	T	T	.01	T	T
DICKINSON CAA	.30			T	T	.06								.01	.04			.04	T			.06	T				[illegible]	T	T	.02		.04
DICKINSON EXP STA	.17			T	T	T	.08							T	T	.01		.02	T				T				.03	T	T	.02	T	.01
DONNYBROOK	.97			T	.12	.18		.08	T						T		.42	.16	T						T					T	.01	T
DRAKE	.35						.08												.17											.10		
DUNN CENTER	.38				T	T	.15	.02						T	T	T			.13		T		T				.02		T	.06		T
ECKMAN	.63					T	.10	T	.10		.03				T	T		.05	.30	T						T	T	T	T	.05	T	
EDGELEY EXP FARM	.24						.15									T													.03	.06		
EDMORE 1 W	.24					T	.02	T		T	.02			.03	.03			[illegible]	.14			T										
ELBOWOODS	.33			T		[illegible]	.19							T				.12	T								.01		.01			
ELGIN 5 S	.11			T	T	T	T			T	T		T	T	.09	T	T	T	T	T		T	T							T	T	.02
ELLENDALE	.90	T			T		.17		T		T			T	.03	.12			T		.02	T	.32					T	.08	.08	T	.08
ENDERLIN	.07						T								T	T			T				T						.07		T	
EPPING	.60					.17									T			.25														.18
FAIRFIELD	.24					.09								T								.07					.05			.01		.02
FARGO WB AIRPORT R //	.37		T	T	T	.02	.11		T		T		T	.02	.04	.05		.07	T	.01	T	[illegible]	.01	T	T	T	T	T	T	.01	T	T
FESSENDEN	.21						.03			T			T	.07				.07	.07			.07				T			T			
FLASHER	.21				.04		.09								.04				.01				T							.03		
FLAXTON	.58					.05	T	.10	.01	T			T	.04	.04			.21	.01	.01	.02						[illegible]	T	.02	.05	T	
FORBES 13 NW	.63						.23				.03			T	.08				T			.09						.07	.09	.04	T	
FORMAN	.45				T		.12							T	T					T			.26						.03	.04		
FORT YATES R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOXHOLM 7 N	-				-	-	-	.08						-				.22	-	-	T					T		.02				T
FULLERTON	.73	T			T	.24				T				T	.02	.21				T	T	T	.14						.03	.04	T	[illegible]
GACKLE	.24						.10							T				T	T				T						.08	.06		
GARRISON	.44				T	.29			T		T			T	T			.14	T	T		T					T	T	.01	T		T
GLEN ULLIN 13 N	.33			.05		.04	.06						.04	.04				.04	T										T	.06	T	
GOLDEN VALLEY 10S	.50			.05	T	.15	.10						T	T				.10	T			T					T	T	T	.07		.03
GRAFTON STATE SCHOOL	.33		T		T		T	.02	T					.10	T				.17				T		T		T	T		T	.04	
GRAND FORKS CAA	.90		T		T		.02	T	T	T	T		T	.41	.05			.23	.06	.06		T	T	T	T	T	.02	.07	T	T	[illegible]	
GRAND FORKS UNIV	.39				T		T	T	T		T		T	.08	.06			.19					T		T	T	T	T	T	T	[illegible]	.03
GRAND RAPIDS 1 N	.18						T							T	T				T	T	T		T						.15	.03		T
GRANVILLE	.38				T	.05	.03	T	T	T			T	T	T			.30	T	T							T		T	T		
GRASSY BUTTE 10N	.35				.01	.15									T		.03	.05	.05								.02			.04		
GRENORA	.28					.02		.06							.05				.15										T			
HALLIDAY	.69			.03		.10	.06	.06						.03	.03			.12	T	T		T					.08		.04	.10		.04
HANKINSON R R STA	.69				T		.11		T	.06					.05	.15	T						.17						.06	.06	[illegible]	
HANNAH	.60				T	T	.04	.04					T	.05	T			.13	.09						T	.02	.14	.01	.02	T	.06	
HANSBORO	.30				T	T	.01	.03						T	T			.04	.02			T				T	.16		T	.01	.03	
HARVEY 3 NE	.13						.04			.01			T	T	T			.08	T	T	T	T					T			T		
HETTINGER	.51			.12		.15					.03			T	.07					T		.05						T		.09		T
HILLSBORO	.19			T	T		.03				T		T	T	.13	T		T	.03	T	T		T			T	T	T		T	T	
JAMESTOWN CAA	.26				T	.02	.01	T	T		T		T	.08	.03	.04		T	.01	.02	T	.01	T				T	T	.02	.02	T	T
JAMESTOWN STATE HOSP	.17				T		.05			T				T	.06			T	T				.03						.03	T		T
KEENE 2 S	.57					.16	.08	.01					.01	.01				.15	.01				T					.01	.05	.01		.07
KENMARE R	.74					.01	.17		.05										.42	.05								.01		.03		
KENSAL WILDLIFE REF	.09						T											.06	T										T	.03		
KILLDEER 8 NW	.47					.31												.16		T		T								T		
KULM	.37				T		.12																			.13	.01		.03	.06		.07
LANGDON EXP FARM	.77					T	.02	.02						.13				.02	.43								.07	.06		.02	T	T
LANSFORD	.86				T	.12		.01	T	.02				.02	.01			.49		.01	.02	.01				.02	T		T	.03	T	.10
LARIMORE	.24		.02											.02	.14			T	.06													
LEEDS	.55				T	.01	.07	T	T	.02			T	.06	T			.20	.07	.02		T	T				.08		T	T	.02	
LEFOR 10 E	.13				T	.07	T							.01	T			.02				.01					T		T	T		.02
LINTON	.34			T	T	T	.22				.01		.01	T	.06			.01	T	T			T						T	.03		T
LISBON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITCHVILLE	.30				T		.06				T			T	.04	.04		T	T	T	.01		.08					.03	.03		T	.01
LOSTWOOD 12 N	.32				T	.05	T	.07	T					T	T			.17	T	T		T	T				T	T	.02	.01	T	T
MADDOCK AGR SCHOOL	.45					T	.10			T			T	.02	T			.18	.05	T		T					.06	T	T	.04		
MANDAN EXP STATION	.45				.01	T	.28				T			T	.01	T			.02	T			T				T		.05	.08		T
MANDAN FT LINCOLN PARK	.32			T		.02	.13				T			T	.03			.01				T	T						.03	.09		.01
MARMARTH	.37			.05	T	.12									.11			T				.01						T	T	.08		
MARTIN	.12	T			T		T											.12													T	
MAX	.30						.10		T					T					.20	T		T					T		T	T	T	T
MAYVILLE	.41				.01		.03		T	T			T	T	.14	.07	T	.04	.05	T			.02		T	.01	.01	.01		.02	T	
MC CLUSKY	.45				.01	.04	.10			.01				.01	.01			.18	T	.01							.01		.03	.03	[illegible]	
MC HENRY 5 N	.18				T		.04			T	T			.05	.02			.03	.01			T							.03	T		
MC LEOD 3 E	.34						T								.08	.16							.06					.04				
MC VILLE	.26						T								.12			.08										T		.06		
MEDINA 1 W	.24						.12				T								T			T							.12			
MEDORA 4 NNE	.28			.03		.11								T	T			.07	T			.04					T			T		.03
MEDORA 23 NNW	.25					.20												.02				.03					T					
MINOT CAA	.86				T	.17	T	.01	.03	T	T		T	.01	.02			.48	T	.01	.01	.02	T		T		.03	T	.02	.04	T	.01
MINOT EXP FARM	.47				T	.05	.07	T	T	T			T	T	T			.32	T	T		T	T				T		T	.03	T	T
MOFFIT 4 SE	.20				T	T	.09			T			T	T	.01	T		.01	T	T			.02						.03	.04		T
MOHALL	.80					.14	.03	.02	.03	.01				T	T	T		.48	T	T					T	.03	T		T	.06	T	
MONTPELIER	.20				T		.02							T	.05			T	T	T			.01						.08	.03		.01
MOTT	.35			.01	.02	.09								T	.08			.04	.06			.02	T				T	T				.03
MUNICH 4 SW	.59	T				T	.03	T	T	T	T		T	.20	T			.25	.07	T	T	T	T		T	.01	.05		T	T	.03	
NAPOLEON 1 SE R	.44				T	.01	.25				T		T	T	.04			.02		T			.02						.04	.05	T	.01
NEW ENGLAND	.13			T		.06								T				T					T							T		.07
NEW ROCKFORD 7 WNW	.19				T	T	.06			T	.01		T	T	T			.09	.03	T									T	T		T
NEW SALEM 1 S	.45			.08	T	.12	.04			T				.01	T			.03				T							.02	.12		.03
NEWTOWN	.52				T	.25		.01	T				T		T			.15	T		.03	.01						T	.03	.02		.07

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOONAN		.21					.02		.04						.02				.13									T		T			
NORTONVILLE		.28						.13																	T					.15			
OAKES		.42				T	T	.12								T	.06			T	T	T		.14						T	.10		T
PARK RIVER		.15						T	T	T					.05				.07								T		T	T	T	.03	
PARSHALL		.51				T	.13	.04	T	.01					T	.02			.22	T	T		.03					T	T	.01	.03	T	.02
PEMBINA 2 N		.46						.01		.01					.04					.26							.05				.03	.06	
PETERSBURG		.33				T		.05						.06		.02			T	.18												.02	
PETTIBONE	R	.18				T		.12			T				T				.01					.01						T	.04		
PINGREE		.10														.04			T										T	.03	.03		
PORTAL		.42					T	.12	T			T			T	T	T		T	.25								T	T		.05		
POWERS LAKE 1 N		.42					.06		T										.29	.07			T								T	T	T
PRETTY ROCK		E .29					.03	.02			T	.02	E.05	E.05	.06	.03			T												T		.03
REEDER		.20			.10										T	.10					T								T				T
REEDER 14 N		.19			T	.06	T	.03				T				.05	.02		T					T						T		.03	
RICHARDTON ABBEY	R	.40			T	T	.09	.10							.04	.03	T		.05	T	T	T	T	T				.02	T	T	.03	T	.04
RIVERDALE		.34					.02	.16	T	T					T	T	T	T	T	.10	T	T	T					T	T	T	.06	T	T
ROLLA		.73				T	.10	.03	.04		T				.06				.29	.03						T			.13		.02	.03	
RUGBY		.77				T	.01	.10	.02		.02			.01	.09				.20	.15	.02		T					.11	T	T	.02	.01	.01
RYDER		.32					T	.15	T		T								.12			T			T					T	.05		
SAN HAVEN		.49		T		T	.02	.03	.04			T		T	.03	T			.23	.04	.02						.01	.06	T		.01	T	
SCRANTON		.66			.18		T	.27								.16					T			T					T	T	.05		
SELFRIDGE 11 W		.59			.05		.07	.20		T				T		.20								.07							T		T
SENTINEL BUTTE 20 S		.29			T	T	.08	.05							.07	T			T									T	T		.09		
SHARON		.18						.05						T	T				.07	.04			T	T	T						.02		
SHERWOOD 3 N		.45				T	.06	T	.06		.01				T	T			.25	T							.02	.03	.01		.01		
SHIELDS		.32		.08				.12								.12								T							T		T
STANLEY	F	.60					.24									T			.36	T	T								T	T			T
STEELE		.41					T	.25	T						T	.04			T				T	.02						.03	.07		T
SYKESTON		.22				T	T	T			T				T				.16	T	T	T		T				T		T	.06		
TAGUS		.40				T	.03	.04			T				T	T			.25	T		T	.02					.02		T	T	T	.04
TIOGA		.36					.07		.04										.18				T							T	.07		
TOLLEY 5 NNE		.54				T	.06	T	.06					T	T	T			.30	.06	T						T			T	.06	T	
TOWNER		.80					.05	.06	.06					.04	T				.52											.07			
TROTTERS 6 WNW		.36					.04	.06	.08						T	.01			.06				.01			T		.08	T	T	T		.02
TURTLE LAKE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUTTLE		.20					*	.12							T	.01			.01	.02	T							T		.01	.03		T
UNDERWOOD		.60					T	.35							T	T				.10	.04			T				T		.03	.08		T
UPHAM 3 N		.63				T	.08	.05	.04	.01				T	T	T			.27	.10								T			.08		
VALLEY CITY		.21			T			.05								.03			*	.05	T			.05		T					.01	.02	
VELVA		.53				T	.05	.08	T	T	T			T	T	T			.28	.03	T	T	T			T	T	.05		.02	.02	T	T
VERONA		.20																		.10								.10					
WAHPETON STATE SCHOOL		.83						.07		.03		T				.07	.08							.43						.08	.07	T	
WALHALLA		-	T					.01	-	-				T	.05				T	-									T	T		.01	
WARWICK		.18						.03				.10							.05														
WASHBURN		.39					.02	.16			T	T			T	.02			.08				T					T			.09		.02
WATAUGA 8 N S OAK		.18				T	.01	.04				T			T	.13							T							T	T	T	
WATFORD CITY		.60					.28		.03										.20				.01								.08		
WATFORD CITY 14 S		.23			T		.12		T						T	T			.11				T							T	T	T	T
WESTHOPE		.44				T	.07		T		.06			T	.03				.28									T			T	T	T
WILDROSE		.83					T	.13	.16						T	T			.45		T	.04					T	T					.05
WILLISTON WB CITY	R //	1.00			T	T	.23	T	.03		T				T	.02	T		.55	.02	T	T	.03	T		T	T	T	T	.02	.05	T	.05
WILLOW CITY		.81				T	.10	T	.04		T			.04	.08	T			.51	T						T		.04	T		T	T	
WILTON RR STATION		.35					T	.13				T				T	T			.08	T	T						T		.05	.09		T
WISHEK		-						.11							T	T			-					T						.12		.04	
WOODWORTH 5 E		.11				T		.01											T											T	.10		
ZAHL		.44				T	.08		.05		T				T	.01			.20	.02			T	T				T	T	.02	.03	T	.03

See reference notes following Station Index.

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1953

Table 5

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7SW	MAX	41	38	32	32	22	20	15	27	47	46	46	50	39	7	0	34	38	17	24	48	39	34	40	30	39	46	22		27	46	28	32.5
	MIN	17	16	16	16	14	-15	-8	2	20	15	13	27	5	-2	-20	-7	10	3	10	11	17	15	27	11	18	20	12		15	23	2	10.1
AMENIA	MAX	37	26	24	29		6	15	22	28	41	24	20	13	4	-1	9	18	18	16	22	26	25	35	32	22	34	34	14	15	27	26	22.0
	MIN	14	11	12	14	-10	-4	-14	6	2	18	5	12	2	-2	-15	-18	6	-2	-2	-11	16	10	7	16	12	13	9	-1	1	13	-12	3.5
AMIDON	MAX	41	39	35	39	28	28	17	28	40	54	42	57	57	12	1	26	38	40	28	33	37	34	38	40	47	53	43	29	35	44	45	36.2
	MIN	13	12	15	23	13	-15	-8	12	20	22	20	32	10	-1	-20	-18	20	8	16	19	24	15	17	15	26	32	12	13	24	26	4	12.9
ARVILLA STATE PARK	MAX	36	28	29	26	7	5	12	22	31	42	25	23	8	0	-4	12	15	14	15	23	26	18	35	29	22	38	32	9	14	21	20	20.4
	MIN	14	16	16	5	-20	-10	-15	7	-2	15	-9	6	-3	-6	-19	-27	3	-7	-8	-19	10	4	3	12	6	13	7	-10	-2	12	-10	-0.6
ASHLEY	MAX	35	29	26	30	19	13	11	21	34	45	30	42	33	7	0	8	30	27	20	27	26	21	37	25	22	40	38	16	17	35	33	25.7
	MIN	13	5	5	15	5	-10	-9	3	0	15	3	28	6	3	-16	-17	6	-1	7	-4	15	4	14	4	12	16	9	0	9	5	-1	4.6
BEACH	MAX	42	38	37	40	29	30	14	23	43	52	35	56	57	17	5	23	41	36	32	30	45	35	37	40	36	52	42	29	32	40	46	35.9
	MIN	14	12	13	19	9	-16	-13	11	21	26	19	25	12	0	-19	-21	21	6	15	18	22	16	13	13	13	26	11	13	22	21	6	11.2
BELCOURT INDIAN RES	MAX	31	31	28	28	5	3	8	15	38	43	28	25	2	-5	-5	17	25	7	11	28	17	19	39	26	22	35	18	7	13	20	2	18.7
	MIN	11	13	5	3	-20	-26	-23	6	8		-15	0	-6	-11	-28	-23	5	-4	-15	-13	4	-18	10	13	10	16	2	-12	-15	12	-12	-4.1
BELFIELD	MAX	36	34	37	32	28	24	19	44	50	44	55	57	41	10	10	37	37	36	27	50	37	39	39	38	53	43	34	28	42	44	18	36.2
	MIN	12	13	12	18	16	-16	-3	5	20	20		25	10	-5	-22	-5	6	5	15	17	18	15	22	8	23	18	14	16	12	18	1	10.3
BISBEE	MAX	30	27	22	27	6	6	11	18	39	36	30	25	3	-4	-7	17	20	8	12	30	22	18	26	22	23	33	22	5	15	20	5	18.3
	MIN	10	9	3	0	-11	-18	-15	7	10	8	-1	1	-4	-9	-26	-22	8	-5	-4	-12	9	-7	11	13	10	17	4	-10	1	5	-10	-0.9
BISMARCK WB CITY	MAX	47	39	40	34	33	22	4	15	24	48	44	37	26	13	4		18	32	20	25	43	36	32	40	25	27	47	21	19	23	46	29.5
	MIN	18	11	13		15	-16	-14	2	-2	23	5		9	-2	-18	-17	-1	3	10	4	20	13	15	11	12	18	13	10	10	10	3	6.1
BISMARCK WB AIRPORT	MAX	40	40	32	32	22	12	18	15	45	47	36	34	13	3	-2	16	31	17	20	41	34	27	40	26	28	46	21	18	22	44	11	26.7
	MIN	10	9	8	17	12	-21	-1	-3	-3	-1	-3	10	2	-3	-18	-6	4	0	-3	9	17	14	18	7	16	17	12	9	9	9	1	4.8
BOTTINEAU	MAX	31	24	28	27	18	7	3	10	24	39	14	29	11	2	-2	5	17	16	11	13	28	20	17	29	22	23	32	5	2	16	22	17.5
	MIN	9	6	3	3	-4	-23	-20	2	6	12	-5	5	-2	-7	-26	-26	5	-1	-7	-11	9	-13	-10	8	12	14	5	-11	-14	2	-10	-2.9
BOWBELLS	MAX	38	28	30	31	22	19	1	9	36	47	25	39	12	1	-1	16	38	12	16	24	31	18	30	33	21	33	33	6	11	16	21	22.5
	MIN	5	9	8	7	16	-20	-22	-1	-9	5	6	4	0	-5	-27	-27	8	-17	-14	-2	13	16	16	2	4	20	1	-8	-3	4	-6	-0.5
BOWMAN COURT HOUSE	MAX	39	38	39	36	35	19	20	44	50	47	59	59	48	11	3	37	42	32	29	44	39	38	41	35	50	44	36	34	42	46	40	37.9
	MIN	12	10	11	20	15	-19	-5	9	23	23	17	38	8	-1	-21	-8	20	9	16	16	20	13	25	16	26	29	11	14	24	24	8	13.0
BUTTE	MAX	40		34		23	20	5	14	25	45	20	38	15	5	-1	5			20	30	35	30	29			38	40	13	11	20	37	23.6
	MIN		17		22	10	-15	-15	1	8	15	-1	10	4	-5	-20				-14	-3	18	1	5			8	9	5	5	8	-5	2.8
CARRINGTON	MAX	40	31	31	28	21	10	4	10	29	49	30	41	16	5	-5	-5	14	20	20	19	34	24		36	24	25	45	16	14	15	38	22.6
	MIN	8	6	6	5	-12	-11	-19	-3	5	22	2	9	1	-8	-20	-22	-8	1	1	-8	10	-7	8	8	10	12	-5	-1	2	4	-1	-0.2
CARSON NO 2	MAX	46	40	32	32	25	22	4	15	26	48	44	48	46	12	7	4	34	38	30	24	44	35	34	40	35	39	46	19	19	33	47	31.2
	MIN	15	10	10	10	8	-18	-15	1	4	20	16	13	10	7	-20	-18	-12	6	4	10	20	10	14	11	17	18	11	11	12	11	2	6.4
CAVALIER	MAX	35	21	28	25	8	3	10	19	30	47	26	23	2	-2	-5	12	14	11	10	21	20	16	32	22	20	34	26	3	9	19	5	17.5
	MIN	16	16	18	7	-14	-11	-14	7	3	10	-3	1	-5	-8	-22	-24	4	-9	-8	-16	8	-2	-1	12	6	17	1	-13	-10	4	-15	-1.5
CENTER	MAX	39	38	32	31	30	17	11	18	49	48	40	42	21	6	-1	24	33	17	23	46	36	30	40	30	32	48	25	17	23	43	31	29.6
	MIN	9	8	5	21	11	-16	-18	-5	2	18	5	18	2	-4	-21	-11	13	3	0	-6	10	12	20	4	15	18	9	9	10	9	-1	4.8
COOPERSTOWN	MAX	35	30	28	27			13	21	32	40	28	27	18	1	-1	10	17	15	15	26	22	20	34	31		34			12	28	25	22.6
	MIN	13	1	1		-16	-8		5		15	-3	12	-1	-6	-18	-18	5	-5	0	-11	13	1	5	17	7			-8	3	10	-9	0.3
CROSBY	MAX	29	32	30	33	21	5	2	19	41	40	37	35	16	-5	-2	39	35	12	16	33	29	28	33	26	31	33	14	13	22	20	7	23.4
	MIN	6	8	8	20	4	-23	-11	-5	13	6	5	9	-7	-13	-30	-3	3	1	-3	4	14	15	12	-2	13	13	-3	-5	6	6	-6	1.8
DEVILS LAKE W B CITY	MAX	28	29	23	27	6	1	11	21	46	43	29	23	4	-4	-9	19	20	12	15	31	20	20	35	21	25	39	13	6	15	21	-1	19.0
	MIN	9	13	3	-3	-13	-16	-7	7	13	4	3	4	-5	-9	-22	-15	[illegible]	-1	-7	-6	4	-7	14	14	12	13	3	-8	3	-1	-10	-0.2
DICKINSON CAA	MAX	38	37	38	30	27	7	20	42	53	45	53	57	17	1	1	37	39	28	26	49	35	39	40	35	53	44	23	28	42	48	11	33.6
	MIN	16	14	15	20	-2	-14	0	8	27	17	18	15	1	-12	-21		[illegible]	7	[illegible]	21	18	17	20	13	26	15	12	12	15	10	1	10.1
DICKINSON EXP STATION	MAX	45	40	37	39	27	29	8	17	43	52	34	55	54	11	2	10	39	34	27	25	49	37	41	41	36	56	45	23	28	42	48	34.8
	MIN	12	11	7		20		-17	3	5	22	13	20	10	-2	-20	-21	4	5	9	[illegible]	22	18	18	[illegible]	10	26	13	11	10	14	2	8.6
DRAKE	MAX	42	30	33	29	21	20	4	15	30	45	24	39	15	6	-1	7	27	19	18	21	37	21	25	37	23	27	37	11	13	20	38	23.6
	MIN	13	10	9	10	2	-20	-20	1	7	23	5	11	4	-6	-22	-22	7	-1	1	-9	20	-1	0	3	9	19	4	2	4	8	-6	2.1
DUNN CENTER	MAX	46	40	38	36	27	24	3	12	34	48	29	50	32	9	3	6	39	24	23	25	46	35	37	40	29	41	41	22	21	27	43	30.0
	MIN	14	10	8	17	17	-20	-20	-4	-7	23	6	10	8	-2	-21	-23	5	2	2	7	16	17	17	6	6	15	10	7	7	13	0	4.7
ECKMAN	MAX	40	30	31	30	20	11	0	10	27	41	17	32	11	0	-3	10	25	11	12	15	38	21	25	31	23	25	35	5	4	17	24	19.9
	MIN	8	4	2	5	8	-25	-23	-7	0	5	-3	4	-2	-6	-25	-27	9	-10	-8	-11	10	-14	1	7	0	8	-1	-22	-23	4	-7	-4.5
EDGELEY EXP FARM	MAX	36	29	30	31	28	11	4	14	19	42	35	38	26	11	0	-7	17	20	11	12	27	26	27	35	25	26	38	20	9	13	37	22.3
	MIN	9	9	8	9	-9	-8	-16	1	5	9	3	18	10	-4	-13	-14	-3	3	3	-7	19	7	7	16	14	15	9	2	1	8	1	3.6
EDMORE 1 W	MAX	35	28	27	25	10	4	10	20	39	42	29	25	8	-2	-4	8	18	13	14	29	25	15	30	20	20	35	28	4	14	21	12	19.4
	MIN	5	11	-2	5	-19	-17	-17	5	10	13	-5	4	-2	-7	-24	-18	5	-3	-11	-14		-14	-2	6	8	15	0	-10	-2	11	-12	-2.7
ELBOWOODS	MAX	40	36	31	34	22	20	12		50	48	43	48	22	8	3	40	32	19		42	30	35	38		43	41		18	26	26	24	30.8
	MIN	14	11	9	10	16	-23	-10		16	20	6	15	3	-1	-20	-4	1	-8		3	17	16	18			24	3	13	12	12	0	6.4
ELLENDALE	MAX	41	30	29	31	20	10	14	21	29	46	27	40	21	6	1	9	20	25	21	25	27	24	38	30	26	43	35	16	17	29	32	25.3
	MIN	21	10	11	16	-5	-10	-13	6	3	19	1	20	4	0	-12	-15	5	0	7	-7	19	5	4	13	13	15	9	4	4	9	2	5.1
ENDERLIN	MAX	37	23	28	27	28	7	0	18	25	39	38	29	22	7	0	-7	18	21	15	19	27	25	28	35	28	23	36	21	14	13	30	21.8
	MIN	6	11		9	-13	-13	-9	0	2	7	-5	8	5	-2	-12	-18	-12	0	2	-13	-3	12	13	20	18	13	9	-3	5	5	-1	1.6
EPPING	MAX	32	32	32	31	22	9	7	30	45	45	40	44	22	-2	0	39	30	9	17	35	38	30	32	22	30	35	15	14	29	28	10	25.9
	MIN	10	10	8	20	8	[illegible]	-8	1	16	8	10	16	-4	-11	-29	-2	5	[illegible]	-3	6	17	17	12	0	16	12	-2	6	10	9	-5	4.1
FARGO WB AIRPORT	MAX	32	25	22	28	6	5	16	23	29	38	25	22	8	3	-4	9	18	12	16	20	27	18	34	23	21	33	19	7	17	25	4	18.7
	MIN	11	13	14	-2	-10	-9	-3	6	5	3	-4	7	2	-5	-17	-16	7	-2	-8	-9	15	10	10	10	13	17	5	-1	4	4	-9	2.0
FESSENDEN	MAX	36	35	28	28	16	10	17	21	50	44	39	38	11	1	-3	18	21	15	20	33	27	20	40	27	27	40	26	13	15	40	25	25.1
	MIN	10	4	3	14	-7	-22	-15	4	3	11	0	10	1	-6	-21	-16	13	5	-2	-15	15	-4	14	8	15	19	5	-1	1	13	-6	1.7
FORMAN	MAX	30	29	27	29	15	9	18	27	36	34	26	31	19	16	0	18	23	20	21	25	26	22	33	25	28	32	29	13	12	31	30	23.7
	MIN	15	2	5	11	-12	-8	-13	7	1	15	15	15	4	0	-13	-17	8	1	9	-10	14	11	5	13	17	15	5	-4	-2	11	-2	3.8
FORT YATES	MAX																																
	MIN																																
FOXHOLM 7 N	MAX	35	37	32	32	20	9	11	17	47	48	41	40	12	1	0	36	34	11	19	37	35	27	35	28	28	37	29	8	19	25	11	25.8
	MIN	3	15	12	12	7	-16	-12	3	5	10	10	0	-2	-18	-23	-8	9	-3	5	-2	9	7	23	6	18	18	1	-5	3	7	-5	2.9
FULLERTON	MAX	37	29	29	31	13	9	14	19	30	42	26	35	20	6	0	9	19	23	20	25	28	23	35	29	28	40	34	12	14	29	33	23.9
	MIN	18	6	6	11	-9	-8	-15	2	4	21	-3	18	5	-2	-13	-15	5	0	7	-11	19	7	3	15	13	15	7	0	0	8	1	3.7

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	35	31	26	28	18	12	14	21	39	36	34	31	21	5	-3	14	24	24	14	30	29	20	37	26	26	40	30	16	14	39	23	24.3
	MIN	4	7	4	6	-11	-13	-17	-1	4	12	12		1	-5	-20	-14	9	0	1	-7	16	0	13	7	14	19	9	0	7	7	-4	2.2
GARRISON	MAX	35	34	28	29	21	1	12	17	44	39	37	36	8	0	-3	20	24	18	14	40	37	28	34	23	30	40	13	15	22	38	6	23.9
	MIN	4	14	10	14	1	-21	-4	4	4	5	7	7	0	-6	-23	-3	5	3	1	6	13	13	16	2	14	13	2	7	12	6	-2	4.0
GRAFTON STATE SCHOOL	MAX	29	23	25	23	6	2	9	18	28	41	23	20	3	-3	-6	6	12	11	10	16	21	15	35	31	18	34	32	6	10	18	18	17.2
	MIN	7	9	15	4	-20	-11	-18	5	-4	11	-8	0	-7	-11	-24	-25	0	-9	-8	-15	7	-1	-2	9	0	10	4	-14	-9	6	-17	-3.7
GRAND FORKS CAA	MAX	34	28	23	26	2	2	14	23	32	39	23	22	4	-1	-8	8	15	8	12	21	23	15	32	23	19	33	15	1	15	22	1	17.0
	MIN	13	18	16	-6	-15	-8	-7	4	4	-2	-3	2	-3	-9	-19	-19	4	-5	-12	-12	11	5	7	10	10	13	0	-9	0	1	-14	-0.8
GRAND FORKS UNIVERSITY	MAX	34	27	29	22	5	4	14	21	28	39	22	22	6	-1	-12	7	15	15	12	19	23	21	34	26	18	32	30	17	14	22	-5	18.1
	MIN	19	15	19	5	-12	-3	-8	12	0	12	-2	6	-1	-4	-18	-19	5	-4	-5	-11	12	5	9	15	10	10	6	-9	0	1	-11	1.7
GRAND RAPIDS 1N	MAX	37	30	29	30	11	8	15	22	31	42	30	28	21	3	-1	10	21	18	19	24	28	23	39	28	29	43	34	18	14	28	24	23.7
	MIN	8	0	3	8	-17	-7	-16	3	7	14	-9	16	2	-2	-14	-27	5	2	8	-15	19	12	2	14	15	17	6	-3	6	10	4	2.3
GRANVILLE	MAX	30	34	26	30	21	12	11	23	43	40	40	30	11	3	-2	29	27	12	17	40	26	27	36	24	28	39	21	17	21	30	7	24.3
	MIN	12	9	8	14	9	-20	-11	6	6	9	5	6	0	-4	-22	-9	9	-3	-3	-3	15	-9	17	4	18	18	-1	-7	5	6	-5	2.5
GRENORA	MAX	32	33	30	31	24	10	3	20	48	44	47	43	21	11	8	40	33	15	17	32	39	29	30	25	39	35		14	24	25	8	27.0
	MIN	15	18	11	20	6	-18	-9	0	6	9	19	15	3	-9	-27	-3	6	2	1	8	18	10	6	0	15	12		4	8	4	-11	4.6
HANKINSON R R STATION	MAX	33	32	27	28	29	8	8	16	22	38	39	25	32	11	5	-7	16	21	14	21	24	26	18	33	23	24	37	22	7	17	33	22.0
	MIN	6	6	9	12	-11	-9	-13	-1	9	13	-1	1	6	0	-10	-18	-15	3	0	-12	-10	9	2	12	13	13	10	-4	-5	3	-1	0.5
HANNAH	MAX	28	29	20	24	2	-1		17	38	39	28	23	0	-4	-8	15	16	8	11	29	21	10	32	21	20	31	16	2	9	18	1	16.5
	MIN	6	18	7	-2	-18	-22	-18	5	8	7	-4	-2	-7	-11	-29	-22	6	-17	-9	-17	-5	-17	5	8	8	13	-2	-15	-12	1	-16	-4.9
HANSBORO	MAX	30	33	26	28	5	3	9	16	39	42	26	24	1	-5	-7	17	24	7	12	31	21	15	39	27	21	36	17	5	13	19	3	18.6
	MIN	12	17	6	1	-12	-19	-17	3	12	7	-1	-1	-6	-11	-28	-20	6	-7	-9	-13	8	-10	14	13	11	16	0	-10	-5	3	-12	-1.7
HETTINGER	MAX	41	39	39	32	24	12	19	41	49	45	54	58	39	8	-1	37	43	22	26	43	35	42	34	38	50	43	30	35	43	47	33	35.5
	MIN	15	16	13	19	10	-17	-5	12	26	25	19	26	6	-4	-21	-9	17	8	14	17	19	24	15	17	21	23	13	19	20	25	7	12.6
HILLSBORO	MAX	34	26	27	27	14	8	14	24	28	39	22	18	10	4	-3	8	17	17	10	19	25	24	36	34	19	32	35	12	15	25	25	20.8
	MIN	17	15	18	14	-12	-3	-14	10	5	17	-6	10	-2	-3	-17	-19	3	0	-4	-8	16	10	8	14	7	17	12	-5	-1	13	-10	3.3
JAMESTOWN CAA	MAX	34	30	25	30	10	5	13	23	45	44	32	36	14	2	-4	13	20	13	19	31	27	18	37	26	24	41	19	11	13	38	5	22.4
	MIN	4	3	3	-4	-13	-14	-3	11	9	3	0	11	-1	-5	-16	-13	5	3	-8	-8	13	0	11	15	15	15	3	3	5	4	-3	1.5
JAMESTOWN STATE HOSP	MAX	35	29	25	30	13	6	11	21	37	45	32	37	18	2	-3	12	20	18	18	31	27	20	36	29	24	41	27	13	14	36	32	23.7
	MIN	14	14	6	13	-14	-12	-12	-6	10	14	-1	16	2	-4	-16	-12	6	4	2	-9	16	0	9	16	15	18	10	4	5	11	-3	3.7
KENMARE	MAX	38	30	31	33	23	20	3	10	33	45	23	38	13	4	0	12	39	13	18	23	36	19	30	34	22	35	35	5	12	18	23	23.2
	MIN	7	14	13	15	14	-18	-21	-2	-4	9	5	3	1	-6	-25	-26	8	-18	-9	0	12	11	15	-1	1	18	-5	-3	-3	4	-7	0.1
KENSAL WILDLIFE REFUGE	MAX	35	33	29	29	9	7	13	22	42	44	35	39	17	2	-4	15	24	17	19	35	32	23	41	36	25	45	35	16	14	37	34	25.8
	MIN	5	2	3	0	-19	-14	-16	0	8	6	-3	14	0	-6	-19	-12	8	2	0	-14	12	-6	14	11	13	17	8	0	2	10	-6	0.6
LANGDON EXP FARM	MAX	30	27	27	20	7	-1	8	19	37	35	27	24	8	0	-5	9	20	9	11	27	24	17	32	25	18	33	25	4	8	19	10	17.9
	MIN	10	17	4	2	-19	-18	-17	4	9	10	-6	0	-6	-10	-27	-25	5	-18	-10	-17	8	-16	4	10	6	11	0	-17	-10	6	-16	-4.1
LARIMORE	MAX	34	28	29	26	6	4	10	21	31	42	23	21	7	0	-3	13	18	13	15	24	25	16	35	28	21	39	31	6	13	20	17	19.8
	MIN	15	17	13	5	-15	-9	-14	8	2	13	-5	6	-4	-7	-19	-19	5	-5	-3	-11	11	5	4	12	10	13	4	-9	-2	12	-11	0.7
LEEDS	MAX	29	30	25	27	9	6	12	18	43	45	37		6	-3	-5	17	26	9	12	35	24		31	23	26	37	24	9	15	24	10	20.7
	MIN	10	9	3	9	-14	-20	-15	5	10	9	9	4	-3	-8	-24	-18	9	-4	-9	-18	9	-9	13	13	13	18	4	-11	1	9	-8	-0.1
LINTON	MAX	40	37	31	32	22	15	13	24	41	40	34	37	32	8	0	12	35	27	20	34	37	25	40	31	25	47	40	20	22	48	41	29.4
	MIN	8	2	0	20	14	-13	-12	2	0	10	0	19	8	0	-17	-12	4	4	10	-3	20	15		9	17	18	13	7	15	18	3	6.0
LISBON	MAX																																
	MIN																																
LOSTWOOD 12N	MAX	33	29	30	31	19	0	0	19	44	38	40	41	11	-3	-4	37	33	10	11	34	29	26	28	24	25	32	14	11	16	26	12	22.5
	MIN	10	16	7	16	0	-22	-11	-1	10	4	2	3	-4	-9	-30	-8	6	-16	1	-1	12	11	17	-2	15	13	-5	-3	3	8	-8	1.1
MADDOCK AGR SCHOOL	MAX	35	30	25	28	15	9	15	19	41	43	35	30	9	1	-3	17	23	15	17	35	26	20	33	25	26	37	28	10	16	27	21	22.8
	MIN	11	8	3	14	8	-22	-15	3	6	14	1	7	1	-7	-23	-17	12	1	4	-13	10	8	11	9	14	17	2	8	4	13	-7	2.7
MANDAN EXP STATION	MAX	45	38	38	32	28	21	2	13	25	45		42	24	11	0	-2	22	33	21	25	42	34	31	40	25	28	45	20	19	24	45	27.2
	MIN	14	13	12	17	15	-17	-16	-1	0	22	4	14	9	-2	-18	-18	-2	2	4	8	22	14	16	11	13	17	12	10	11	14	1	6.5
MANDAN FT LINCOLN PARK	MAX	39	40	33	32	22	18	20	22	46	48	39	41	22	8	2	17	33	25	21	43	39	28	42	34	31	48	34	20	23	46	38	30.8
	MIN	18	11	12	21	14	-18	-17	0	0	12	2	19	6	-3	-19	-12	9	2	12	3	19	13	18	10	14	18	11	9	12	10	1	6.7
MARMARTH	MAX	34	38	40	36	31	11	20	43	48	48	56	60	41	11	3	30	38	33	33	42	38	40	40	37	49	43	29	34	41	46	26	36.1
	MIN	3	14	8	27	11	-18	0	11	27	13	13	27	11	-4	-20	0	15	14	15	22	20	23	20	14	25	29	14	17	20	24	14	13.2
MAX	MAX	42	32	32	27	22	19	1	15	19	42	23	39	12	10	0	2	23	19	19	20	37	34	25	34	23	26	40	10	10	19	34	22.9
	MIN	16	12	9	9	12	-16	-20	-4	5	17	1	9	5	-5	-20	-23	2	2	0	3	17	9	12	4	8	16	5	0	5	10	-5	3.1
MAYVILLE	MAX	30	24	20	28	9	4	13	23	28	42	22	22	8	2	-4	9	16	16	14	20	22	22	35	30	23	37	36	12	15	24	24	20.2
	MIN	18	17	15	9	-14	-3	-10	10	1	14	-2	8	0	-4	-17	-17	4	-3	0	-10	16	8	7	14	10	14	12	-5	0	13	-8	3.1
MC CLUSKY	MAX	34	24	25	21	17	15	12	10	43	41	30	30	15	1	-3	15	23	13	13	34	32	20	35	26	19	40	22	10	17	39	15	22.2
	MIN	14	11	7	17	7	-20	-14	5	7	11	3	12	0	-6	-22	-15	12	-2	4	-5	16	3	18	8	17	12	5	5	8	13	-5	4.1
MC HENRY 5 N	MAX	34	27	22	27	6	2	9	21	36	41	27	22	10	-2	-6	7	19	11	15	32	27	16	33	25	22	39	29	8	11	27	22	20.0
	MIN	12	5	3	4	-19	-15	-15	4	10	12	-3	10	-4	-8	-22	-21	5	-4	-2	-11	12	-7	6	16	10	13	6	-5	3	9	-11	-0.2
MC LEOD 3 E	MAX	30	26	27	28	16	10	17	27	30	38	29	30	20	5	2	18	24	16	20	23	26	25		23		32	25	13		32	27	22.8
	MIN	17	5	1	4	-16	-10	-14	10	10	17	-11	15	5	-1	-12	-10	-3	-1	2	-16	13	12	10	13	13	8		-9		16	-6	2.1
MEDORA 4 NNE	MAX	39	39	41	36	30	15	18	44	53	49	53	57	44	9	7	43	40	30	31	49	40	41	41	37	50	44	27	31	43	48	26	37.3
	MIN	2	8	5	25	13	-27	1	4	11	24	11	29	7	-3	-18	0	10	8	19	16	16	17	26	5	14	25	15	15	16	24	4	10.4
MINOT CAA	MAX	35	33	30	31	19	-1	8	26	45	44	40	28	7	-2	-2	31	28	17	19	37	28	31	35	21	26	37	14	9	20	24	7	23.4
	MIN	16	17	14	14	-3	-15	-5	7	25	8	9	4	-2	-7	-23	-2	5	-2	4	12	12	4	18	12	17	14	1	-1	6	7	-5	5.2
MINOT EXP FARM	MAX	37	33	31	31	20	19	12	18	44	42	34	28	12	-1	-3	27	30	10	20	34	32	24	35	26	26	38	21	11	21	29	10	24.2
	MIN	14	13	9	15	13	-18	-13	3	7	4	6	4	-8	-5	-23	-7	10	-3	6	-1	16	4	23	7	18	19	1	0	5	8	-5	3.9
MOHALL	MAX	40	42	31	29	14	2	7	14	44	40	30	28	5	-3	-4	35	28	10	11	35	20	25	30	22	25	34	15	5	13	13	12	21.0
	MIN	8	14	6	14	2	-20	-11	5	2	7	5	1	-3	-6	-27	-8	8	-14	1	1	12	-5	20	4	16	15	-2	-19	2	5	-7	0.8
MOTT	MAX	42	39	39	35	27	14	18	45	49	43	56	58	38	13	0	38	49	21	25	48	37	42	42	36	53	47	34	35	45	48	42	37.4
	MIN	10	10	4	11	10	-18	-10		0	13	2	16	6	-1	-19	-10	9	7	18	18	17	18	25	7	15	24	14	14	14	16	3	8.1
MUNICH 4 SW	MAX	31	26	20	17	2	0	6	15	36	36	27	21	8	-5	-10	13	16	5	9	27	19	11	25	18	18	30	12	-1	12	18	4	15.0
	MIN	5	14	0	-6	-17	-22	-20	5	11	2	-5	-1	-6	-11	-31	-25	5	-13	-19	-19	5	-15	4	5	8	12	-1	-14	-5	4	-16	-5.4
NAPOLEON 1 SE	MAX	34	33	27	29	20	13	13	18	40	43	33	38	24	5	-2		31	29	18	29	33	23	34	25	23	42	33	18	18	37	33	26.5
	MIN	13	0	6	15	5	-19	-17	-4	0	16	0	20	4	-5	-20	-17	10	-4	3	-8	20	8	15	1	15	16	7	4	9	1	-3	2.9

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	39	37	39	34	28	13	19	44	56	49	55	58	46	10	2	39	41	23	26	50	39	40	39	35	54	39	26	34	43	47	30	36.6
	MIN	16	12	11	23	13	-17	-6	2	19	21	10	10	2	-2	-21	-6	11	7	17	17	22	17	26	11	18	22	13	16	15	16	3	10.3
NEW SALEM 1 S	MAX	39	35	32	30	20	15	11	26	49	45	45	43	21	5	-2		27	17	23	47	39	31	40	31	34	45	22	18	24	43	17	29.1
	MIN	12	12	13	18	11	-17	-9	-1	2	12	9	19	3	-5	-21	-7	6	1	3	7	15	13	24	11	14	17	10	5	13	15	0	6.6
NEWTOWN	MAX	35	34	29	32	21	11	11	14	52	49	37	46	18	5	1	41	38	17	17	39	35	27	35	27	30	38	19	16	24	32	21	27.5
	MIN	13	13	11	19	11	-22	-10	-1	5	13	6	10	3	-3	-23	-3	7	-14	3	2	12	12	14	-3	18	19	2	5	10	6	-2	4.3
OAKES	MAX	29	28	28	30	29	6	8	15	22	42	37	27	25	10	3	-8	15	22	16	20	25	28	19	34	24	25	35	20	10	16	30	21.6
	MIN	8	-1	4	8	-18	-18	-15	-6	-4	7	-9	11	8	-1	-10	-18	-13	2	3	-15	-9	10	3	10	13	14	7	-6	0	6	2	-0.9
PARK RIVER	MAX	39	29	29	20	7	3	11	20	38	47	28	20	5	3	-5	13	18	13	14	24	24	15	36	30	20	37	33	7	12	20	12	20.1
	MIN	17	18	17	6	-13	-11	-12	7	4	17	1	5	-3	-7	-19	-18	8	-5	-3	-11	8	-4	2	13	10	14	7	-11	-3	11	-11	1.1
PARSHALL	MAX	35	35	32	30	20	9	13	20	47	43	40	40	18	1	-2	38	32	17	19	40	34	30	34	27	30	38	17	15	24	37	17	26.8
	MIN	10	8	15	18	9	-20	-11	-5	8	10	2	8	1	-4	-25	-4	9	-19	1	-3	15	15	10	-7	15	17	0	4	9	6	-3	2.9
PEMBINA 2N	MAX	22	22	22	25	12	4	11	23	28	34	22	23	5	0	-3	8	13	13	5	15	20	20	34	34	30	30	29	5	12	20	20	18.0
	MIN	7	15	7	10	-21	-15	-17	8	-3	8	-11	4	-5	-9	-23	-29	-2	-9	-9	-23	7	-1	-1	10	9	14	5	-13	-17	7	-18	-3.7
PETERSBURG	MAX	33	26	30	25	20	2	9	19	34	39	26	24	7	-4	-2	10	12	12	13	23	23	17	32	30	18	37	35	11	11	19	19	19.7
	MIN	10	12	5	5	-16	-9	-17	5	8	7	-3	4	-5	-9	-20	-18	5	-9	-5	-16	11	-7	6	11	9	11	-4	-10	-1	10	-13	-1.4
PETTIBONE	MAX	35	31	30	29	18	13	15	21	42	40	37	32	19	3	-5	14	22	19	13	31	33	25	38	28	24	43	28	18	14	40	34	25.3
	MIN	14	8	5	15	-8	-15	-17	2	2	11	-2	15	3	-5	-20	-15	8	1	5	-11	16	2	12	11	15	16	10	2	7	11	2	3.2
PORTAL	MAX	35	25	28	30	23	16	0	7	40	41		41	12	0	-3	19	39	12	15	25	37	31	31	31	22	30	30	3	5	19	12	21.9
	MIN	7	9	8	15	15	-25	-23	-2	0	4		4	-3	-7	-31	-29	6	-16	-15	0	12	16	16	-3	2	18	-5	-11	-3	5	-8	-1.5
POWERS LAKE 1N	MAX	32	28	28	29	20	15	10	18	46	42	44	46	15	-2		38	28	15	15	37	31	28	29	24	37	32	15	20	20	28	12	26.0
	MIN	8	5	2	15	15	-17	-11	-6	11	6	13	6	-4	-17		-2	5	-18	-10	5	11	15	11	-7	19	15	-4	4	2	-3	-7	2.1
RICHARDTON ABBEY	MAX	42	38	37	33	25	24	15	41	47	52	52	48	34	5	0	37	37	18	25	47	43	39	41	35	46	44	23	24	30	46	29	34.1
	MIN	18	13	14	24	16	-15	-5	5	17	19	14	28	4	-3	-21	-5	12	2	12	14	20	15	27	13	18	22	10	8	15	21	-1	10.7
RIVERDALE	MAX	42	34	35	30	26	20	4	12	31	49	21	34	22	6	-1	3	35	20	19	22	39	31	33	35	22	35	42	13	15	23	41	25.6
	MIN	17	15	11	14	13	-17	-18	3	3	21	8	12	6	-5	-21	-21	3	3	4	-1	22	12	15	10	7	16	6	4	7	8	-1	5.0
ROLLA	MAX	30	33	27	28	5	2	9	15	37	43	27	25	5	-4	-5	17	23	6	12	28	21	19	40	26	22	37	14	4	14	20	4	18.8
	MIN	11	15	9	0	-9	-20	-14	1	8	0	-4	0	-8	-12	-27	-21	5	-5	-13	-12	0	-16	12	14	10	12	3	-9	-7	-2	-12	-2.9
RUGBY	MAX	36	31	26	28	15	9	12	18	40	39	35	32	9	-1	-1	20	25	12	15	35	28	20	32	26	27	38	25	9	16	24	17	22.5
	MIN	13	10	4	14	-6	-20	-12	7	8	6	2	5	-1	-8	-26	-16	10	-1	-1	-8	8	-6	14	7	14	20	2	-8	2	14	-7	1.3
SAN HAVEN	MAX	31	30	25	17	10	5	7	14	36	43	28	25	6	-2	-6	15	23	8	14	30	25	13	38	30	22	34	22	5	12	22	12	19.2
	MIN	14	10	8	10	-6	-20	-16	7	10	11	-1	2	-4	-10	-27	-21	8	-4	-4	-5	13	-6	13	16	10	20	5	-8	-3	7	-11	0.6
SHARON	MAX	34	25	23	25	5	1	9	20	32	40	26	28	10	-2	-5	11	16	12	15	25	21	17	32	27	21	38	30	9	12	25	22	19.5
	MIN	8	7	6	0	-13	-12	-13	6	1	12	-4	7	-4	-7	-18	-19	6	-5	-2	-8	13	5	5	15	10	12	8	-5	2	10	-11	0.4
STANLEY	MAX	37	31	32	28	22	9	12	21	46	42	34	45			-3	37	26	10	18	35			28	22	21		13	13	20	30	12	24.7
	MIN	8	12	9	14	9	-21	-9	4	2	6	5	9		-12	-27	-4	-5	-12	-4	7	11	13	13	-1			-3	1	4	9	-6	1.1
STEELE	MAX	36	35	32	30	20	15	16	22	40	42	33	33	17	4	-3	14	30	28	19	31	35	22	33	31	24	43	27	17	19	43	35	26.5
	MIN	12	10	15	16	2	-20	-18	0	2	12	-1	15	2	-5	-20	-18	9	-5	-5	-7	20	8	15	5	16	17	8	4	8	10	-2	3.4
TOWNER	MAX	33	34	30	25	22	10	12	29	42	39	29	21	11	3	-3	24	21	6	16	36	22	25	35	26	28	39	22	18	19	28	8	22.9
	MIN	11	14	14	10	-1	-21	-11	5	20	5	10	1	2	-7	-26	-12	5	-1	-3	-10	-2	-5	9	7	13	20	0	-9	5	8	-3	1.5
TURTLE LAKE	MAX																																
	MIN																																
UNDERWOOD	MAX	42	35	35	30	25	20	3	15	26	45	22	41	21	7	4	0	30	23	20	21	40	32	29	35	23	30	41	13	15	21	41	25.3
	MIN	12	10	10	12	12	-16	-18	0	0	21	4	12	6	-5	-21	-22	0	1	2	-1	20	9	13	5	6	15	6	3	6	8	-2	3.5
UPHAM 3N	MAX	34	31	23	29	24	8	11	19	41	40	32	29	10	3	-1	24	25	16	11	38	27	23	35	25	25	38	23	12	18	28	14	23.1
	MIN	12	5	2	0	-1	-23	-17	1	0	9	-4	7	-1	-6	-27	-11	14	0	-2	-1	5	-15	14	2	2	19	0	-19	2	9	-10	-1.1
VALLEY CITY	MAX		27	27	29	15	6	15	20	30	43	28	21	19	5	0	13	19	16	19	26	26	24	34	34	23	39	38	16	13	28	26	22.6
	MIN	17	2	11	13	-15	-3	-12	5	12	20	7	19	4	-1	-14	-18	7	0	-3	-12	18	8	6	6	14	15	10	0	-1	12	-9	3.8
VELVA	MAX	36	34	30	31	21	18	12	21	45	42	38	42	17	3	-2	29	27	12	19	41	30	20	37	28	27	40	22	10	21	34	10	25.6
	MIN	13	8	10	19	13	-19	-12	6	6	11	5	7	1	-5	-21	-8	11	-1	-1	0	17	4		8	19	20	4	2	5	10	-4	4.3
WAHPETON STATE SCHOOL	MAX	30	25	25	27	15	13	18	25	29	37	26	24	16	10	4	6	18	16	20	20	25	25	33	26	23	31	28	16	16	28	27	22.0
	MIN	17	3	14	13	-15	-5	-10	11	13	21	-6	14	6	0	-13	-20	1	0	0	-11	13	11	5	13	6	12	6	-5	-11	13	-6	2.9
WASHBURN	MAX	39	38	34	31	22	16	12	19	48	46	33	40	21	6	-2	18	27	22	15	45	45	29	39	31	37	44	29	29	22	44	33	29.4
	MIN	8	15	4	12	12	-20	-16	-1	-1	14	3	12	2	-6	-24	-12	11		0	-3		10	20	8	17	19	6	8	11	7	-2	3.9
WATFORD CITY	MAX	37	34	36	33	25	11	11	35	52	44	51	47	25	3	3	41	35	19	20	44	35	37	37	31	43	51	20	17	30	29	17	30.7
	MIN	13	10	12	22	10	-20	-4	2	12	14	11	24	-1	-7	-22	1	9	1	6	11	19	16	22	6	14	19	4	5	11	8	-2	7.3
WATFORD CITY 14 S	MAX	45	38	36	35	25	23	18	31	50	54	55	55	40	6	3	40	45	24		50	42	41	40	37	48	47	22	21	32	44	24	35.7
	MIN	12	11	8	26	20	-24	-4	3	16	19	18	21	1	-2	-22	0	10	3		11	18	19	26	5	10	20	7	9	14	14	0	9.0
WESTHOPE	MAX	28	30	22	29	12	1	9	16	41	40	28	28	14	8	5	22	25	7	15	32	20	22	32	25	24	34	14	5	19	22	14	20.7
	MIN	7	8	8	6	-3	-20	-13	4	7	6	1	-2	-1	-7	-29	-14	6	-10	-5	-4	2	-9	10	2	11	14	-1	-14	3	3	-8	-1.4
WILLISTON WB CITY	MAX	33	32	33	30	24	1	11	25	47	43	43	41	9	-2	7	37	28	19	24	39	34	31	34	28	32	35	14	15	25	31	3	26.0
	MIN	17	14	13	23	-7	-16	-2	3	13	14	12	9	-5	-15	-22	7	3	3	4	24	18	18	14	1	15	14	2	11	6	3	-2	6.2
WILLOW CITY	MAX	29	31	21	28	10	6	10	17	41	43	30	28	6	2	-3	20	20	10	12	38	18	20	30	20	22	37	15	6	16	24	5	19.7
	MIN	10	8	1	1	-13	-22	-18	2	0	0	-9	4	-3	-7	-28	-22	3	-6	-7	-13	2	-15	3	4	14	14	1	-17	0	4	-5	-3.7
WILTON RR STATION	MAX	41	33	35	31	25	13	7	12	19	46	22	43	29	11	4	-3	24	28	19	20	42	34	28	36	23	25	42	16	16	22	40	25.4
	MIN	18	15	15	19	12	-16	-16	-2	3	16	2	14	6	-5	-18	-22	-6	-2	2	-4	18	5	7	9	14	17	9	6	8	9	-4	4.2
WISHEK	MAX	35	33	31	31	20	13	9	19	38	44	32	39	31		0	12	29	29	19	29	29	24	35	34		43	41	18	16	38	36	27.8
	MIN	17	3	1			-27		-15	-11	15	-1	24	5	-2	-18	-20	5	-1	-6	-10	12	7	14	5		12	8	-2	4	2	-2	0.7

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL			1.0	T	1.2	0.3			T				T	0.6			0.6		T		0.3								0.6		0.6
	SN ON GND			1	1	2	2	2	2	1								1	1	T												
AMENIA	SNOWFALL				T									T	3.0			T	1.0	T	T						T	T		T		
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2
AMIDON	SNOWFALL				T	1.5	T	1.8									T	1.2					T						0.3		0.5	T
	SN ON GND			T	T	T	2	2	1	1	T						T	1	1	1	1	T	T	T					T	T		T
ASHLEY	SNOWFALL						4.0							T	T			–					T						0.5	0.5		T
	SN ON GND	11	1	1	1	1	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5
BEACH	SNOWFALL					0.2	1.5								–	–		–	T				0.4									
	SN ON GND	T	T	T	T	T	2	1	1	1	T	T	T		T	T	T	1	1	1	1	T	T	T	T	T						
BELCOURT INDIAN RES	SNOWFALL				T	T	–	1.0						T				2.0								T				1.0	T	
	SN ON GND				T	T	1	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5
BELFIELD	SNOWFALL			–	–									T	T			–	T			T										1.0
	SN ON GND			–	–	2	2	2	1					T			T	2	2	1												1
BEULAH	SNOWFALL			0.5		0.9	2.5																						0.5	0.7		
	SN ON GND			T	T	1	4	3	2	T	T	T																	1	1	1	T
BISBEE	SNOWFALL					T	T							1.0				2.5	0.5							T	T		T	T	T	
	SN ON GND					T	T							1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BISMARCK WB CITY	SNOWFALL				T	T	3.4				T			T	0.3	T			0.6	T	T		0.2				T	T	2.2	2.4	T	T
	SN ON GND	T	T	T	T	T	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	2	3	3	1
BISMARCK WB AP	SNOWFALL			T	T	2.6	0.6							0.4	T	T		0.6	T	T	T	0.2	T			T	T	T	1.4	1.0	T	0.9
	SN ON GND	T	T	T	T	T	3	3	3	3	1	1	T	T	T	T	T	T	1	1	1	T	T	T	T	T	T	T	1	2	3	1
	WTR EQUIV						–	–	–	–																				0.2	0.2	
BOTTINEAU	SNOWFALL				T	T	0.7		0.6			T		T	0.5	T			5.0	0.5				T		0.1		0.5	T	T	T	0.2
	SN ON GND	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8
BOWBELLS	SNOWFALL					T	1.5		T					T	T				4.0	T	T							T				
	SN ON GND	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CARSON NO. 2	SNOWFALL				T	0.5	2.0							T	0.5	0.1			T											0.3		
	SN ON GND				T	1	2	2	2	1	T	T	T	T	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
CENTER	SNOWFALL				T	3.0	2.0							1.0				T											0.5	0.5		0.5
	SN ON GND					3	5	5	5	2	2	1	T	1	1	1	1	1	1	1	1	1	1	T	T	T			1	1	T	1
CROSBY	SNOWFALL					1.5	T	0.3						0.6	0.3			4.0	T	T			T	T	T		T	T	T	T	T	T
	SN ON GND	1	1	1	1	3	3	3	3	2	1	1	1	1	1	1	1	5	5	5	4	4	3	3	3	3	3	3	3	3	3	3
DEVILS LAKE WB CITY	SNOWFALL	T	T	T	T	0.5	T	T	T	T	T		T	0.6	T	T	T	1.8	T	0.2	T	T	T		0.3	T	0.7	T	T	0.3	T	T
	SN ON GND	T	T	T	T	T	1	1	1	1	T	T	T	T	1	1	1	1	2	3	3	3	3	2	2	3	3	3	3	3	3	3
DICKSINSON CAA AP	SNOWFALL			T	T	0.6								0.1	0.4			0.2	T			0.6	T				T	T	T	0.2		0.4
	SN ON GND				T	T	1	1	1	T				T	T	1	1	1	T	T	T		T					T	T	T		T
DICKINSON EXP STA	SNOWFALL			T	T	T	0.4							T	T	T		T	T				T					T	T	0.2	T	T
	SN ON GND			T	T	T	T	T	T	T				T	T	T	T	T	T	T	T		T	T				T	T	T	T	T
DUNN CENTER	SNOWFALL				T	T	2.5	0.5						T	T	T			2.2		T		T						T	1.1		T
	SN ON GND					T	2	2	2	2	1	1	T	T	T	T	T	T	2	2	2	2	2	2	1	1	1	1	1	1	1	T
EDMORE 1 W	SNOWFALL					T	–	T		T	T			1.0	1.0			*	3.0			T										
	SN ON GND	1	1	1	1	1	1	1	1	1	T	T	T	1	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ELLENDALE	SNOWFALL				T		2.5		T		T			T	0.5	1.5			T		T	T	4.0					T	1.0	1.0	T	1.0
	SN ON GND						3	3	2	2	2	2	1	1	2	3	3	3	3	2	2	2	5	5	5	4	4	4	5	6	5	6
FARGO WB AP	SNOWFALL		T	T	T	0.2	0.7		T		T		T	0.2	0.4	0.5		0.7	T	0.1	T	0.3	0.1	T	T	T	T	T	T	1	T	T
	SN ON GND	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	WTR EQUIV	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5
FOXHOLM 7 N	SNOWFALL				–	–	–	–						–				–	–	–	T					T		–				T
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5
FULLERTON	SNOWFALL				T	2.4				T				T	0.2	2.1				T	T	T	1.4						0.3	0.4	T	0.5
	SN ON GND	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	1	1	1	2	2	2
GARRISON	SNOWFALL				T	2.9			T		T			T	T			1.4	T	T								T	0.1	T		T
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GRAFTON STATE SCHOOL	SNOWFALL		T		T		T	0.2	0.1					1.0	T				1.7				T		T		T	T		T	0.4	T
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	6	6	6	6	6	5	5	5	5	5	5	5	5	5
GRAND FORKS CAA AP	SNOWFALL		T		T		0.3	T	T	T	T		T	4.2	0.2			3.2	0.8	0.7		T	T	T	T	T	0.2	0.3	T	T	0.3	
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	T	T	4	4	4	3	5	5	5	5	5	5	4	4	4	4	3	3	3	3
GRAND FORKS UNIV	SNOWFALL				T		0.2	T	T		T		T	1.5	1.2			3.0					T		T	T	T	T	T	T	3	3
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
GRANVILLE	SNOWFALL				T	1.0	0.5	T	T	T			T	T	T			3.0	T	T									T	T		
	SN ON GND		1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
HANSBORO	SNOWFALL				T	T	0.3	0.6						T	T			2.0	1.0			T				0.1	0.5		T	0.5	0.8	
	SN ON GND	T	T	T	T	T	T	1	1	T	T	T	T	T	T	T	T	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4
HETTINGER	SNOWFALL			–		–								T	–					T		–						T				T
	SN ON GND			1	1	2	2	2	1	1	T			T	1	1	1	1	1	1	T	T	T	T	T	T	T	T				T
JAMESTOWN CAA AP	SNOWFALL				T	0.3	0.2	T	T		T		T	0.8	0.4	0.4		T	0.1	0.3	T	0.1	T				T	T	0.5	0.4	T	T
	SN ON GND	2	2	2	2	1	1	1	1	1	1	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	1	1	1
KENSAL WILDLIFE REF	SNOWFALL						0.2											1.0	T										T	1.0		
	SN ON GND	1	1	1	1	1	1	1	1	1								1	1	1	1	1	1						T	1	1	1
KILLDEER 8 NW	SNOWFALL					4.0												2.0		T		T								T		
	SN ON GND					4	4	3	3	1	1							2	2	2										T		
MANDAN EXP STA	SNOWFALL				0.1	T	4.5							T	0.2	T			0.3	T			T				T		1.1	1.2		T
	SN ON GND	T					5	5	5	5	2	2	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	1	2	2	2
MAYVILLE	SNOWFALL				0.1		0.4		T	T			T	T	1.9	1.2	T	0.5	0.7	T			0.2		T	0.1	0.1	0.1		0.4	T	
	SN ON GND	2	2	2	2	2	2	2	2	2	2	1	1	1	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MC CLUSKY	SNOWFALL				T	0.5	2.0							T	T			1.5	T	T									T	0.5	T	
	SN ON GND	1	1	1	1	1	3	3	3	3	3	2	2	1	1	1	1	3	3	3	2	2	2	2	2	2	1	1	1	2	2	2
MC HENRY 5 N	SNOWFALL				T		0.6							1.0	0.3			0.4	0.1			T							1.0	T		
	SN ON GND	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1953

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
MEOORA 4 NNE	SNOWFALL			T		2.0								T	T			0.7	T								T					0.6
	SN ON GNO			T	T	2	2	2	1	T	T			T	T	T	T	1	1	1	T	T	T	T	T		T	T				1
MINOT CAA AP	SNOWFALL				T	1.7	T	0.1	0.3		T		T	0.1	0.2			4.8	T	0.1	0.1	T	T		T		T	T	0.3	0.4	T	0.1
	SN ON GNO	T	T	T	T	T	2	2	2	2	1	1	1	T	T	T	T	T	5	5	5	4	4	4	4	4	4	4	4	4	4	4
MINOT EXP FARM	SNOWFALL				T	0.8	1.0	T	T	T			T	T	T			5.5	T	T		T	T				T		T	0.5	T	T
	SN ON GNO	3	2	2	2	3	4	4	4	4	4	4	4	4	4	4	3	9	8	8	8	8	8	7	7	7	7	7	7	8	8	8
MOHALL	SNOWFALL					2.0	0.3	0.2	0.3					T	T	T		5.0	T	T					T	0.3	T		T	1.0	T	
	SN ON GNO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MONTPELIER	SNOWFALL				T		0.3							T	0.6			T	T	T			0.1						1.4	0.3		0.1
	SN ON GNO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
MOTT	SNOWFALL			0.1	0.2	1.0								T	1.0			T	T			T	T					T				1.0
	SN ON GNO			T	T	1	–	–	–					T	1	–	–	T	T	T												1
MUNICH 4 SW	SNOWFALL	T				T	0.5	T	T	T	T		T	3.0	T			4.0	0.5	T	T	T	T		T	T	1.0		T	T	0.5	
	SN ON GNO	1	1	1	1	1	2	2	2	1			T	3	3	3	3	7	8	8	7	7	7	6	6	6	7	7	7	7	8	8
NAPOLEON 1 SE	SNOWFALL				T	0.1	4.0				T		T	T	0.4			0.2		T			0.2						0.4	0.5	T	0.1
	SN ON GNO	T	T	T	T	T	4	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
OAKES	SNOWFALL				T	T	1.2								T	1.0			T	T	T		2.0						T	1.0		T
	SN ON GNO	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	4	4	5	5	5
PARSHALL	SNOWFALL				T	1.3	0.4	T	0.1					T	0.2			2.2	T	T		T					T	T	0.1	0.3		0.2
	SN ON GNO				T	1	2	2	2	1	1	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
PETERS8URG	SNOWFALL				T		0.7						0.8		0.4			T	2.0												0.3	
	SN ON GNO	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	5	5	5	5	5	4	4	4	3	3	3	3	3	3
PETTI8ONE	SNOWFALL				T		1.5							T				0.2					0.2						T	1.0		
	SN ON GNO	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T						1	1	1
PRETTY ROCK	SNOWFALL					1.0	1.0					0.5	0.5	–	–			T												T		1.0
	SN ON GNO					1	2	2	1	1	1	2	2	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1				1
RICHAROTON A8BEY	SNOWFALL			T	T	1.1	0.9							0.2	0.3	T		0.7	T	T	T	T	T					T	T	0.7	T	0.8
	SN ON GNO			T	T	1	2	2	2	T	T	T	T	T	T	T	T	1	1	1	T	T	T	T	T	T	T	T	T	T	T	1
RIVEROALE	SNOWFALL					0.3	6.0	T	T		T			T	T	T	T	T	0.3	T	T	T					T		T	0.5	T	T
	SN ON GNO	T	T	T	T	1	6	5	5	5	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
ROLLA	SNOWFALL				T	1.0	0.3	0.5		T				0.7				3.0	0.5						T			0.2		0.5	0.5	
	SN ON GNO	1	1	1	1	2	2	3	3	3	2	2	2	3	3	3	3	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SAN HAVEN	SNOWFALL		T		T	0.3	0.4	0.4					T	0.3	T			2.5	0.5	0.3						0.1	T	T		0.1	T	
	SN ON GNO	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SHARON	SNOWFALL						0.5						T	T				1.0	0.5			T	T	T						1.0		
	SN ON GNO	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1
STANLEY	SNOWFALL					3.0									T			4.5	T	T								T	T			T
	SN ON GNO					3	3	3	3	1								5	5	5	5	5	4	4	4	4	4	4	4	4	4	4
UPHAM 3 N	SNOWFALL				T	1.0	0.5	0.5	T				T	T	T			5.0	1.0											1.0		
	SN ON GNO					2	2	3	3	3	3	–	–	–	–	–	–	7	8	–	–	–	–	–	–	–	–	–	–	8	–	–
VALLEY CITY	SNOWFALL			T			0.5								0.3			*	0.5	T			0.5		T					0.1	0.2	
	SN ON GNO	2	–	–	–	–	3	–	–	–	–	–	–	–	3	–	–	–	3	–	–	–	4	–	–	–	–	–	–	4	4	–
WAHPETON STATE SCHOOL	SNOWFALL						1.0		0.5		T				1.0	1.6							5.0						2.0	1.0	T	
	SN ON GND	3	3	3	3	3	4	4	4	3	3	3	3	3	4	5	5	5	5	5	5	5	9	8	8	7	7	7	8	9	8	8
WESTHOPE	SNOWFALL					2.0		T					T	–				4.0									T			T	T	T
	SN ON GNO	–	–	–	–	3	3	3	–	–	–	–	–	3	–	–	–	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WILLISTON W8 CITY	SNOWFALL			T	T	4.6	T	0.9						T	0.2	T		4.4	0.3	T		T			T		T	0.1	0.6	0.4	T	1.1
	SN ON GNO	T	T	T	T	T	5	6	6	6	2	2	1	1	1	1	1	2	5	5	5	3	3	3	3	3	3	3	3	4	4	4
	WTR EQUIV						0.2	0.3	0.3	0.3	0.2	0.1						0.1	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
WILLOW CITY	SNOWFALL				T	1.5	T	0.5					0.5	1.0				6.0	T						T		T	T		T	T	
	SN ON GND	1	1	1	1	3	3	3	3	2	1	1	2	3	2	2	2	8	8	8	7	7	7	6	6	6	5	5	5	5	5	5

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 38	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 50	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 3 7
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300	8A	8A	CLOSED - - - - -	10-31-52
BALTA	0500	PIERCE	11	48 10	100 02	1550		4P	ROYCE E. PAULSON	3
BANTRY	0516	MC HENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - -	10/1/52
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOHAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		MID	W. H. HENDRICKSON	3
BURT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	-		MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON NO. 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER P. MADISO	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		6P	JOHN PETRYSZAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	6P	6P	EMIL E. RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	GEORGE W. HORN	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. HAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	10P	10P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	-		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	D. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N.DAK.SOLDIERS HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1398	7P	7P	HAROLD FELDNER	2 3 5 7
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3 5 7
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F GAEBE	2 3 5
NOONAN	6435	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGAGE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 5 7
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5 7
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. OETHLOFF	2 3 5 7
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3 7
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CULLEN	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3 5 7
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5 7
# SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - -	9/30/52
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	THEODORE OCKERT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	6P	6P	CLOSED - - - - - -	8/16/52
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	VIRGIL B. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	ERWIN A. VENTSCH	2 3 5
WATFORD CITY 14 S	9246	MC KENZIE	7	47 36	103 17	-	5P	5P	THEO. ROOSEVELT NMP	2 3 5

* WATFORD CITY 14 S RECORD IS A CONTINUATION OF WATFORD CITY 20 SE.

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD.

‡ DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

–	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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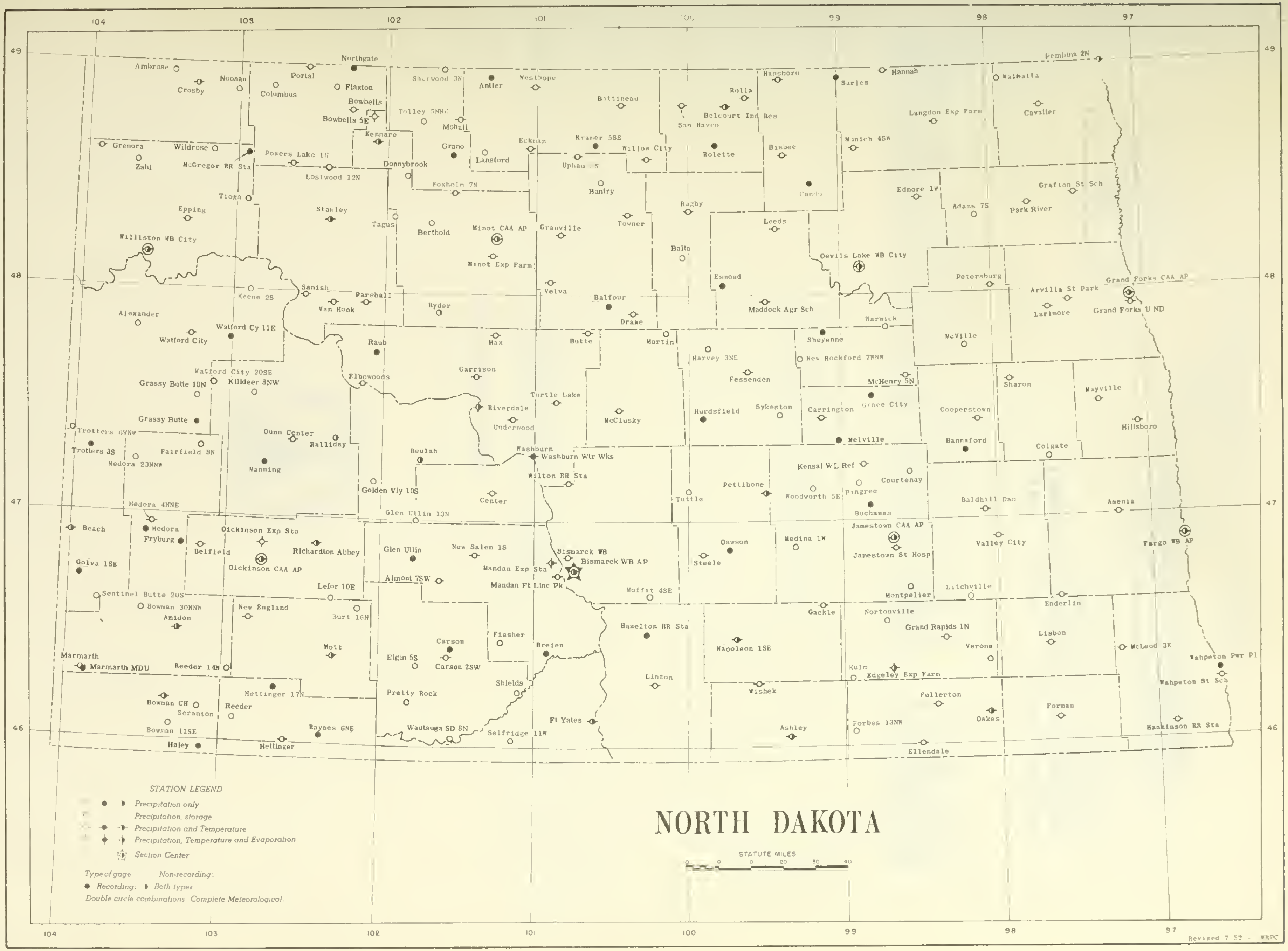
WRPC, KANSAS CITY, MO., -- 3-18-53 -- 975

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

FEBRUARY 1953
Volume LXII No. 2

KANSAS CITY: 1953

~~NAT. HIST.~~

NORTH DAKOTA - FEBRUARY 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

February continued the mild and relatively dry weather to make it one of the most comfortable winter seasons ever observed in North Dakota. It was the warmest February since 1935 and the 9th warmest since 1892.

The mean temperature for the month was 18.7 degrees which is 8.2 degrees above normal. The eastern division averaged 16.8 degrees which is 7.8 degrees above normal; the middle division averaged 18.4 degrees which is 8.4 degrees above normal; and the western division averaged 21.0 degrees which is 8.4 degrees above normal. The highest temperature for the month occurred at most stations around the 4th but a few stations had maximum readings around the 25th. Fort Yates reported the warmest with 54 degrees on the 4th. The coldest period was generally from the 15th to 21st with a few stations reporting lowest readings on the 1st. Napoleon reported the lowest temperature in the state with 27 degrees below zero on the 16th. The mean temperatures over the state ranged from 10.9 degrees at Hannah to 25.4 degrees at Watford City.

Precipitation for the month averaged 0.33 inch which is 0.14 inch below normal. The eastern division averaged 0.42 inch which is 0.13 inch below normal; the middle division averaged 0.29 inch which is 0.15 inch below normal; and the western division averaged 0.28 inch which is 0.15 inch below normal. The greatest monthly total was 1.27 inches reported at Forbes 13 NW, and the least monthly total was 0.05 inch reported at Park River and Walhalla. Snowfall averaged 3.2 inches over the state compared with the long-time average of over 5 inches. Snowfall ranged from 17.0 inches at Forbes 13 NW to none at Epping. A few stations in the south east portion and the north-central portion of the state reported above-normal precipitation for the month.

The mild, dry weather was especially favorable for livestock, which in many areas were able to graze on meadows and stubble fields. Livestock were in good condition and there were ample feed supplies. Soil moisture was at a low point as a result of long continued dry weather. Some soil blowing was reported during the month. At Bismarck the wind on the 26th reached 54 mph which is an all-time high for the month. There were no severe blizzards during the month to hamper transportation to any degree.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	WNW	19	11.7	54	NW	26	82	83	69	74	11	6	1	0	0	0	18	53	6.2
DEVILS LAKE WB CITY	-	-	9.1	30	NW	26	-	-	-	-	14	4	1	0	0	0	19	59	5.9
FARGO WB AIRPORT	N	16	12.7	40	W	26	79	79	71	77	15	7	2	0	0	0	24	51	6.5
WILLISTON WB CITY	-	-	7.9	32	W	17	77	78	69	71	9	3	2	0	0	0	14	63	6.8

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	10.0	62	-45	0.58	4.9	4
1893	- 0.3	52	-41	0.58	5.7	4
1894	8.0	55	-54	0.22	2.3	2
1895	5.9	65	-40	0.36	3.6	4
1896	14.3	64	-50	0.41	4.3	3
1897	6.1	52	-29	1.16	11.5	7
1898	13.3	65	-40	0.46	4.5	3
1899	0.4	60	-34	0.20	1.9	3
1900	1.3	46	-48	0.47	4.5	4
1901	7.1	60	-48	0.31	2.9	3
1902	12.1	51	-31	0.98	6.7	6
1903	3.1	46	-33	0.38	3.7	3
1904	- 2.1	52	-49	0.69	7.6	5
1905	8.2	64	-42	0.31	2.9	2
1906	9.8	57	-46	0.18	1.4	2
1907	10.7	58	-38	0.33	2.8	3
1908	13.8	62	-49	1.04	).1	5
1909	9.6	56	-34	0.34	3.7	4
1910	3.4	56	-34	0.59	5.6	4
1911	7.3	55	-50	0.70	8.0	3
1912	11.8	48	-38	0.15	1.7	2
1913	8.5	64	-33	0.09	1.0	2
1914	1.0	57	-44	0.34	3.8	3
1915	17.4	50	-47	0.62	6.1	3
1916	6.4	55	-20	0.48	4.8	4
1917	- 0.7	61	-39	0.66	7.1	5
1918	10.8	60	-48	0.22	2.3	3
1919	7.7	58	-41	0.62	6.5	5
1920	12.5	53	-40	0.30	3.2	3
1921	19.9	64	-36	0.39	3.8	3
1922	0.7	45	-33	1.19	12.8	5
1923	4.1	48	-39	0.64	7.2	4
1924	20.3	67	-40	0.39	4.2	3
1925	16.5	62	-27	0.29	3.6	3
1926	22.3	58	-39	0.41	3.7	4
1927	13.3	50	-19	0.36	3.1	4
1928	18.8	59	-31	0.11	1.2	2
1929	2.8	44	-19	0.29	3.3	4
1930	21.7	63	-44	1.18	11.7	6
1931	28.0	62	-30	0.28	2.9	2
1932	13.6	69	-31	0.32	4.3	3.
1933	7.9	58	-45	0.28	3.3	3
1934	19.5	61	-30	0.06	0.7	1
1935	24.0	63	-25	0.20	1.9	2
1936	-12.9	43	-60	0.70	9.1	6
1937	6.8	55	-35	0.49	6.6	4
1938	7.2	60	-35	0.68	8.6	5
1939	- 0.8	51	-46	0.63	9.7	5
1940	15.0	52	-29	0.61	7.8	7
1941	12.2	57	-40	0.22	2.8	3
1942	14.1	57	-30	0.36	4.6	5
1943	15.1	62	-32	0.50	6.4	5
1944	11.2	50	-43	0.29	4.3	4
1945	15.1	52	-29	0.36	4.6	4
1946	10.4	60	-40	0.66	8.1	6
1947	8.8	54	-36	0.40	3.5	5
1948	7.0	60	-37	0.99	12.7	7
1949	2.1	57	-40	0.46	6.3	6
1950	8.9	54	-41	0.33	4.4	3
1951	11.4	65	-37	0.80	10.1	5
1952	17.4	51	-31	0.59	7.5	5
1953	18.7	54	-27	0.33	3.2	4

"AVERAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS."

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
FEBRUARY 1953

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	29.1	9.3	19.2	10.1	44	26	-12	17	1275	0	16	28	6	.26	- .33	.24	10	5.0	4	10	2	0	0
ARVILLA STATE PARK	26.8	6.1	16.5		44	4	-15	2	1353	0	18	28	10	.30		.09	4	3.4			5	0	0
CARRINGTON	25.8	4.5	15.2	6.3	45	5	-17	16		0	20	28	11	.29	- .19	.24	9	4.7	4	9+	2	0	0
CAVALIER	23.3	2.6	13.0	6.9	45	4	-20	1	1452	0	21	28	12	.16	- .35	.08	27	1.6	6	1+	4	0	0
COOPERSTOWN	28.4	8.2	18.3	10.5	42	4	-12	21	1303	0	16	28	7	.05	- .47	.05	10	.5			1	0	0
DEVILS LAKE WB CITY R	25.3	7.1	16.2	7.5	42	4	-13	21	1360	0	20	28	9	.26	- .15	.11	4	3.8	3	1+	5	0	0
EDGELEY EXP FARM	25.4	10.5	18.0	5.2	41	24+	-15	16		0	17	28	6	.33	- .15	.30	10		4	10+	2	0	0
EDMORE 1 W	26.0	6.0	16.0	11.2	40	4	-12	1+	1367	0	19	28	9	.14	- .27	.10	4	.4	5	1+	3	0	0
ELLENDALE	29.7	11.2	20.5	7.4	46	4	-15	16+	1240	0	14	28	5	1.06	.57	.96	10	13.3	15	10+	3	1	0
ENDERLIN	26.3	8.1	17.2		42	5+	-14	17		0	18	28	8	.53		.53	10				1	1	0
FARGO WB AIRPORT R //	25.1	7.4	16.3	5.5	41	26	-12	15	1360	0	20	28	8	.57	- .09	.21	10	6.4	4	1+	9	0	0
FORMAN	28.4	9.7	19.1	7.2	42	26	-19	16	1282	0	15	28	5	.47	- .03	.47	10		6	10+	1	0	0
FULLERTON	28.6	9.6	19.1	6.7	42	4	-18	17	1278	0	15	28	4	1.07	.36	1.05	10	10.7	10	10+	2	1	1
GACKLE	27.9	7.7	17.8M	7.3	42	4	-21	16	1307	0	18	28	5	.76	.31	.63	10	8.0	6	10+	2	1	0
GRAFTON ST SCHOOL	23.4	1.5	12.5	5.2	39	4	-20	1	1467	0	22	28	12	.11	- .46	.06	1	1.1	6	1+	3	0	0
GRAND FORKS CAA AP	23.4	5.4	14.4	6.7	39	25	-14	1	1411	0	20	28	11	.35	- .21	.09	21	3.6	4	2+	6	0	0
GRAND FORKS UNIV	24.6	7.5	16.1	8.4	39	25	-16	1	1364	0	22	28	8	.42	- .14	.11	26	4.7			6	0	0
GRAND RAPIDS 1 N	29.6	8.1	18.9		46	4	-22	17	1287	0	16	28	6	.67		.67	10	7.0	8	10+	1	1	0
HANKINSON R R STA	25.9	6.9	16.4M	2.3	43	5	-16	16+		0	17	28	9	.90	.36	.75	10	10.5			2	1	0
HANNAH	21.3	.4	10.9M	8.3			-19	21	1532	0		28	14	.15	- .44	.06	1+	1.3	6	1+	3	0	0
HILLSBORO	28.0	8.5	18.3	8.1	44	4	-12	1	1302	0	16	28	6	.33	- .22	.19	10	3.8			6	0	0
JAMESTOWN CAA AP	28.6	9.8	19.2	9.3	45	4	-14	16	1276	0	17	28	7	.70	.11	.46	10	6.9	5	11	3	0	0
JAMESTOWN ST HOSP	28.1	10.9	19.5	9.6	44	4	-13	16	1266	0	16	28	6	.49	- .10	.46	10	4.5			2	0	0
KENSAL WILDLIFE REF	30.9	7.5	19.2		47	4	-16	16	1276	0	14	28	8	.27		.20	10	3.0	3	10+	2	0	0
LANGDON EXP FARM	24.1	.3	12.2	7.4	38	22	-20	21	1472	0	22	28	14	.26	- .37	.12	26	2.0	8	1+	5	0	0
LARIMORE	26.6	7.6	17.1	9.4	43	4	-11	1+	1336	0	19	28	8	.14	- .41	.07	4	1.2			4	0	0
LISBON	27.7	10.0	16.9M	7.3	40	4	-15	15+	1283	0		28		.75	.16	.75	10	9.0			1	1	0
MAYVILLE	27.5	10.1	18.8	9.0	43	4	-10	1	1288	0	17	28	6	.30	- .14	.09	10	2.4	5	1+	6	0	0
MC HENRY 5 N	26.2	5.4	15.8	10.4	42	4	-17	15+	1371		20	28	11	.21	- .24	.12	4	1.8	2	1+	3	0	0
MC LEOD 3 E	28.9	8.3	18.6M	5.6	43	4+	-17	16	1300	0	16	28	6	.14	- .42	.10	10	2.0			2	0	0
MUNICH 4 SW	22.1	22.3	12.2		36	26	-17	21	1475	0	24	28	12	.12		.05	4	.5	8	1+	6	0	0
OAKES	26.5	6.6	16.6	3.7	44	5	-22	17		0	17	28	7	.89	.43	.77	10	9.5	11	11+	3	1	0
PARK RIVER	25.9	6.0	16.0	8.3	42	4	-14	1	1368	0	20	28	10	.05	- .37	.03	1	.5	1	1+	2	0	0
PEMBINA 2 N	23.8	- .9	11.5M	8.7	40	4+	-25	2	1491	0	20	28							3	1+			
PETERSBURG	26.7	4.9	15.8M		40	4	-12	1+	1356	0	18	28		.31	- .19	.18	26	3.6	3	1+	3	0	0
SHARON	26.1	8.6	17.4	7.9	39	4+	-12	21	1329	0	19	28	9	.32	- .16	.20	10	2.5	3	10+	4	0	0
VALLEY CITY	29.6	10.8	20.2	8.7	42	4+	-12	17	1250	0	14	28	5	.57	- .02	.45	10	5.			5	0	0
WAHPETON STATE SCHOOL	28.6	7.5	18.1	5.7	42	26	-21	16	1308	0	16	28	7	.89	.42	.73	10	11.7	14	10	5	1	0
DIVISION			16.8	7.8										.42	- .13			4.6					
MIDDLE DIVISION																							
ASHLEY	27.9	10.1	19.0	7.6	43	4	-19	16	1283	0	18	28	7	.20	- .25	.18	10	2.1	[illegible]	10+	2	0	0
BELCOURT INDIAN RES	25.3	2.8	14.1		44	4	-23	16	1422	0	20	28	12	.17		.09	4	1.0	5	1+	3	0	0
BISBEE	25.4	6.0	15.7	9.2	39	26	-14	21	1377	0	22	28	9	.22	- .14	.13	1	1.0	5	1+	4	0	0
BISMARCK WB CITY R	31.0	12.4	21.7	10.1	51	5	-12	16		0	14	28	6	.39	.00	.23	10	4.0	4	10	7	0	0
BISMARCK WB AIRPORT	31.6	12.5	22.1	9.4	49	4	-13	16	1193	0	15	27	6	.34	- .09	.14	10	4.6	4	10+	7	0	0
BOTTINEAU	23.2	2.8	13.0	8.1	40	5	-18	16		0	22	28	13	.36	.00	.14	4	2.4	8	1+	6	0	0
BUTTE	27.7	7.3	17.5M	4.4	43	5	-20	17		0	16	28		.56	.03	.20	10+	4.0	4	11+	3	0	0
CARSON NO 2	31.8	10.9	21.4M	6.9	52	5	-10	21		0	16	28	4	.07	- .41	.02	1+	1.4	1	10+	4	0	0
CENTER	32.6	11.4	22.0	9.5	47	4	-16	16	1198	0	13	28	6	.52	.10	.25	4	2.9	2	14+	5	0	0
DRAKE	27.5	6.7	17.1	6.7	43	5	-15	17		0	16	28	9	.43	- .04	.20	27	3.0	3	1+	3	0	0
ECKMAN	24.6	.8	12.7	5.2	40	5	-21	16+		0	20	28	15	.27	- .10	.08	10	2.0	5	1+	5	0	0
FESSENDEN	29.9	8.9	19.4	9.7	44	4	-16	16	1271	0	15	28	6	.15	- .37	.10	10	2.0	2	10+	4	0	0
FORT YATES	35.7	14.3	25.0M	12.4	54	4	-12	16	1110	0		28		.31	- .15	.18	10	5.3	4	10+	3	0	0
FOXHOLM 7 N	29.7	6.7	18.2	6.2	44	3	-19	16	1307	0	16	28	12	.11	- .36	.10	8				2	0	0
GARRISON	28.9	8.9	18.9M	7.8	45	5+	-13	16		0		28		.25	- .26	.09	4+	2.4	3	10+	3	0	0
GRANVILLE	28.7	8.5	18.6M	8.6	43	4	-15	16	1293	0		28	10	.27	- .16	.19	4	1.0	5	1+	3	0	0
HANSBORO	24.1	4.9	14.5M	8.4	43	4	-13	2	1413	0		28	9	.08	- .42	.07	4	.4	4	1+	2	0	0
LEEDS	26.4	6.4	16.4		41	4	-13	21	1355	0	21	28	9	.24		.15	4	1.7	3	1	6	0	0
LINTON	32.9	11.9	22.4	8.6	50	4	-14	16+	1187	0	12	28	6	.53	.11	.45	10	5.0	5	10+	2	0	0
MADDOCK AGR SCHOOL	27.8	7.8	17.8	7.6	41	4	-14	16+	1318	0	21	28	8	.32	- .08	.18	10				2	0	0
MANDAN EXP STATION	29.4	12.6	21.0	8.4	48	5	-10	16		0	15	28	6	.35	- .04	.23	10	3.9	3	10+	5	0	0
MANDAN FT LINCOLN PARK	34.4	13.4	23.9		54	4	-10	16	1144	0	11	28	6	.26		.23	10	6.0	6	10+	3	0	0
MAX	27.1	5.2	16.2M	6.6			-15	16+		0	17	28	10	.22	- .23	.10	4	3.6			5	0	0
MC CLUSKY	27.6	9.9	18.8	7.0	44	4	-15	16	1291	0	21	28	6	.39	- .13	.18	10	2.5	3	10+	5	0	0
MINOT CAA AP	26.2	10.6	18.4	8.2	41	4	-13	16	1298	0	19	28	7	.29	- .14	.06	10	2.3	4	1+	10	0	0
MINOT EXP FARM	28.4	10.2	19.3M		42	4			1270	0	18	28	8	.15		.08	4	1.7	8	1+	3	0	0
MOHALL	25.8	6.2	16.0	8.5	40	4	-18	16	1367	0	22	28	10	.36	.01	.16	4	2.2	7	1	5	0	0
NAPOLEON 1 SE	28.0	8.9	18.5	9.7	45	4	-27	16	1299	0	17	28	6	.28	- .13	.27	10	3.1	3	10+	2	0	0
NEW SALEM 1 S	31.6	11.8	21.7	8.7	49	4	-10	16+	1205	0	15	28	6	.26	- .18	.15	10	3.5	3	10	3	0	0
PETTIBONE	29.4	10.1	19.8	10.8	45	4	-17	16	1259	0	15	28	6	.16	- .23	.09	10	2.1	2	10+	3	0	0
RIVERDALE	28.0	9.0	18.5		46	5	-11	16+		0	16	28	9	.34		.18	4	1.9	2	10+	4	0	0
ROLLA	25.3	7.5	16.4M	9.6	43	4	-14	21	1361	0	19	28		.27	- .20	.12	4	2.4	8	1+	5	0	0
RUGBY	27.4	6.8	17.1		41	4	-15	16+	1334	0	19	28	9	.43	- .02	.16	4		3	10+	7	0	0
SAN HAVEN	26.0	7.1	16.6	9.9	43	4	-15	21	1349	0	20	28	9	.32	- .10	.13	4	2.0	6	1+	7	0	
STEELE	30.3	10.3	20.3	10.7	49	4	-19	16	1248	0	16	28	6	.29	- .09	.29	10	4.0	5	1+	1	0	

See Reference Notes Following Station Index

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
TOWNER	27.4	4.5	16.0M	8.1	42	4	-18	21	1375	0	17	28	10	.16	- .32	.12	10	3.0	11	1+	2	0	0
TURTLE LAKE							-19	16		0		28											
UNDERWOOD	27.9	7.7	17.8	3.5	44	5	-16	17		0	15	28	8	.39	- .05	.18	4	2.9	3	1+	4	0	0
UPHAM 3 N	28.5	3.6	16.1		41	4	-19	16	1364	0	17	28	13	.35		.20	23	1.2	6	1	3	0	0
VELVA	30.0	10.3	20.2	8.8	44	4	-14	16	1247	0	15	28	8	.29	- .21	.10	4	2.0	4	1+	5	0	0
WASHBURN	32.4	11.6	22.0	11.3	47	4	-18	16	1199	0	13	28	7	.33	- .06	.16	10	3.0			3	0	0
WESTHOPE	25.2	5.1	15.2	7.5	40	4	-17	16+	1392	0	21	28	10	.14	- .18	.12	23	2.5			2	0	0
WILLOW CITY	26.5	2.8	14.7	9.6	44	4	-24	16	1407	0	21	28	13	.30	- .24	.11	4		5	1+	6	0	0
WILTON R R STATION	27.2	9.2	18.2	7.9	45	5	-11	21+		0	17	28	8	.27	- .12	.13	4	2.0	3	1+	3	0	0
WISHEK	29.2	9.3	19.3	9.1	48	4	-21	16	1276	0	16	28	6	.28	- .14	.28	11				1	0	0
DIVISION			18.4	8.4										.29	- .15			2.7					
WESTERN DIVISION																							
ALMONT 7 SW	33.1	14.4	23.8		52	4+	- 7	16	1147	0	12	27	4	.32		.25	10	3.8	3	10+	4	0	0
AMIDON	33.7	13.3	23.5	7.3	51	2+	-15	21		0	10	28	4	.18	- .29	.10	16	2.6	2	16+	3	0	0
BEACH	34.2	11.4	22.8	6.8	51	4	-15	21		0	10	28	4	.26	- .14	.08	15+	3.0	3	16+	6	0	0
BELFIELD	35.8	11.9	23.9	8.5	51	3+	-14	21	1146	0	8	28	5	.40	- .05	.16	15		4	15+	5	0	0
BOWBELLS	25.8	4.5	15.2	7.5	41	5	-14	16		0	21	28	9	.40	- .02	.20	4	4.0	5	1+	4	0	0
BOWMAN COURT HOUSE	36.5	13.3	24.9M	7.5	52	1+	-18	21	1115	0		28	3	.38	- .06	.27	15				3	0	0
CROSBY	27.1	7.4	17.3	7.8	39	4	-19	21	1329	0	23	28	10	.21	- .15	.10	4+	2.0	4	23	3	0	0
DICKINSON CAA AP	33.4	12.0	22.7	9.9	53	4	-12	21	1179	0	12	28	6	.28	- .15	.13	15	2.4	2	16+	9	0	0
DICKINSON EXP STA	33.5	10.4	22.0	9.2	52	5	-11	21		0	12	28	4	.27	- .16	.06	15+	2.1	2	16+	7	0	0
DUNN CENTER	31.7	9.1	20.4	6.3	48	4	- 8	21+		0	12	28	7	.33	- .13	.19	4	2.3	1	1+	5	0	0
ELBOWOODS	34.1	12.6	23.4M	11.3	49	3	-12	16	1176	0	10	26		.32	- .07	.17	4	1.3	1	10+	3	0	0
EPPING	29.1	9.2	19.2M	9.8	41	4			1278	0	18	28		.12	- .28	.12	4	.0			1	0	0
GRENORA	30.4	8.5	19.5M	10.5	39	4	-16	21	1254	0	14	28	9	.17	- .28	.15	4	.5	4	1+	2	0	0
HETTINGER	33.8	13.3	23.6M	7.1	51	4	-15	21	1152	0	10	27	4	.42	- .01	.14	15		6	16+	5	0	0
KENMARE	26.7	4.5	15.6	7.4	41	5	-16	16+		0	19	28	11	.25	- .14	.10	4				7	0	0
LOSTWOOD 12 N	26.1	5.1	15.6		40	4	-22	16	1377	0	22	28	10	.16		.10	4	1.2	3	1+	3	0	0
MARMARTH	35.0	13.4	24.2M	7.0	52	1	-19	21	1136	0	11	28	3	.45	.04	.44	15	7.3	7	15+	2	0	0
MEDORA 4 NNE	37.3	12.7	25.0M		52	3	-19	21	1123	0	7	28	4	.17		.10	15	4.5	4	16	2	0	0
MOTT	35.9	11.6	23.8	9.7	54	4	-14	21	1147	0	8	28	3	.17	- .31	.05	9+	4.0	3	16	4	0	0
NEW ENGLAND	34.3	12.2	23.3	8.8	52	4	-14	21	1164	0	10	28	4	.18	- .31	.08	15	6.0	4	16	3	0	0
NEWTOWN	30.5	11.0	20.8M	12.2	43	4	-14	21	1231	0	18	28		.21	- .24	.13	4	2.0	4	1+	2	0	0
PARSHALL	29.6	8.3	19.0	10.3	43	4	-20	16	1282	0	17	28	9	.29	- .10	.16	4	1.6	3	1+	5	0	0
PORTAL	24.5	2.2	13.4M	7.2	39	5	-18	21		0	23	28	12	.55	.17	.17	4	1.7	4	1+	5	0	0
POWERS LAKE 1 N	27.0	6.7	16.9M	5.1	40	4	-20	16	1340	0		28	10	.10	- .35	.10	4	T			1	0	0
RICHARDTON ABBEY	34.3	13.8	24.1	9.4	51	4	- 9	21	1138	0	8	28	3	.21	- -.20	.09	10	1.9	1	10+	6	0	0
STANLEY	26.1	6.4	16.3M		39	4	-17	16+	1362	0	23	28	10	.28	- .13	.16	4	2.5	6	4	2	0	0
WATFORD CITY	33.1	12.9	23.0	9.3	47	4	-10	21	1165	0	12	28	3	.39	- .04	.28	4	1.9			3	0	0
WATFORD CITY 14 S	36.7	14.0	25.4M		50	3+	-11	21	1110	0	7	28		.29		.29	4	T	T	1+	1	0	0
WILLISTON W8 CITY R //	29.8	13.2	21.5	8.0	44	4	-10	21	1210	0	15	27	4	.28	- .18	.14	4	2.5	5	1+	5	0	0
DIVISION			21.0	8.4										.28	- .15			2.4					
STATE			18.7	8.2										.33	- .14			3.2					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.31	.06	.05		.10						T			T				.03				.04				.03	T					
ALEXANDER	.24				.20				.04						T						T			T								
ALMONT 7 SW	.32	T			.03				.02	T	.25				T	.02												T				
AMBROSE	.27	.06							.12						T									.09		T						
AMENIA	.26	.02									.24							T														
AMIDON	.18	.03			T					T	T				T	.05	.10	T			T	T					T	T				
ARVILLA STATE PARK	.30	.07			.09						.07					T		.03									T	.04				
ASHLEY	.20	.02									.18																					
BALTA	–				.20						–							T							T							
BANTRY	.07										.07									T					T							
BEACH	.26	.01			.02	T				T					.06	.08	.08	.01			T					T						
BELCOURT INDIAN RES	.17	T			.09						T								T			T	T	.05		T	T	.03				
BELFIELD	.40				.13	.03	T	T	T	T	T			.05	T	.16	.03			T	T	T		T		T			T			
BERTHOLD	.26				.12				.03		.10												.01									
BEULAH R	.32	.05			.12			.03		.12																						
BISBEE	.22	.13			.05						T													.03			.01					
BISMARCK WB CITY	.39	.02	T		.04			T	.03	.01	.23	.03			.03			T	T									T				
BISMARCK WB AIRPORT R	.34	.01	T		.04			T	.03	.09	.14	T		.02	.01			T	T	T				T	T		T	T	T			
BOTTINEAU	.36		.02		.14		T		T	T	.03				T									T	.10	.03	.04	T				
BOWBELLS	.40				.20				.05	T								T	T					.09	.06			T				
BOWMAN COURT HOUSE	.38				T					T	T					.27	.08										.03					
BOWMAN 11 SE	.49				.01					.02	.01					.36	.06										.01		.02			
BOWMAN 30 NNW	.11															.11																
BURT 16 N	.19	T			.02				.04		.08					.05						T										
BUTTE	.56				.16				T		.20	.20																T				
CARRINGTON	.29	T			.05				T	.24																						
CARSON NO 2	.07	.02	T	T	.02				T	.01	.02	T					T				T											
CAVALIER	.16	.03	.01		.04													T					T	T			T	.08				
CENTER	.52	.04			.25				.05		.10				.08																	
COLGATE	.10		.01		.02						.03								.01							.01	.02					
COLUMBUS	.28				.10				.08					T					T					.10								
COOPERSTOWN	.05	T			T						.05							T									T					
COURTENAY	.12				.12				T									T		T							T					
CROSBY R	.21				.10				.01	T				T	T									.10								
DEVILS LAKE W B CITY R	.26	.01	T		.11	T	T	T			.09	T		T	T			T	T	T		T		.02	T	T	.03	T				
DICKINSON CAA	.28	.01			.04			.01	.01	T	.04			T	.01	.13	.02	T		.01	T			T	T				T			
DICKINSON EXP STA	.27	.05			.02				T	.02	.04				.02	.06	.06	T			T											
DONNYBROOK	.15								.02		.03								T							.10	T		T			
DRAKE	.43				.12						.11				T										T		T	.20				
DUNN CENTER	.33	.05	T		.19				.02		.05				.02			T			T											
ECKMAN	.27		T		.05				.05		.08				T				T						.05			.04				
EDGELEY EXP FARM	.33										.30																	.03				
EDMORE 1 W	.14	T	.02		.10	T												T						T	.02	T	T	T	T			
ELBOWOODS	.32				.17				.03		.12																					
ELGIN 5 S	.14								T	T	.14			T	T	T	T	T														
ELLENDALE	1.06		T		T			T		.06	.96																T	.04				
ENDERLIN	.53		T		T			T			.53	T							T													
EPPING	.12				.12																											
FAIRFIELD	.18	T			.12									T	.03	.03	T															
FARGO WB AIRPORT R //	.57	.04	.02		.03	T	T	T	T	.04	.21			T	.01	T	T	.03	T	T	T	T	.08	T	T		.11	T	T			
FESSENDEN	.15		.01		.03			T	T		.10							T		T					T			.01	T			
FLASHER	.14				T				T		.10				.02	.02																
FLAXTON	.45	.01			.10				.08		T							.05	T					.21			T	T				
FORBES 13 NW	1.27	.04	.03					T		.63	.28							.29							T	T		T				
FORMAN	.47										.47									T							T					
FORT YATES R	.31							T		.03	.18				.10			T		T					T							
FOXHOLM 7 N	.11	T							.10		.01																					
FULLERTON	1.07	T			T	T		T	T	T	1.05	T								T	T							.02				
GACKLE	.76									T	.63																	.13				
GARRISON	.25				.09				.07	T	.09	T			T	T		T			T				T	T		T				
GLEN ULLIN 13 N	.20						.05	.15												T												
GOLDEN VALLEY 10S	.21	T			.14				.07	T	T				T										T							
GRAFTON STATE SCHOOL	.11	.06									T				T			T					T	T			.02	.03				
GRAND FORKS CAA	.35	.08	T		.03		T	T			.05			T	T	T		.03	T			.09	T	T			.07	T	T			
GRAND FORKS UNIV	.42	.05	T		.06			T			.09			T	T			.02	T			.09	T	T	T		.11	T				
GRAND RAPIDS 1 N	.67	T								T	.67																T	T				
GRANVILLE	.27				.19				.05		T							T		T				T		T		.03				
GRASSY BUTTE 10N	.11													.05	.06																	
GRENORA	.17	.02			.15																											
HALLIDAY R	.32	T			.18				.04		.07				.03																	
HANKINSON R R STA	.90							T			.75	.15																				
HANNAH	.15	.06	T		T									T				T					T	.03		T	.06					
HANSBORO	.08	.01			.07		T	T							T			T						T		T		T				
HARVEY 3 NE	.29				.15			T			.12							T						T	T			.02				
HETTINGER	.42				.02					.11	.03					.14	.12			T												
HILLSBORO	.33	T			.02		T			T	.19							.02			T		.02		T		.06	.02	T			
JAMESTOWN CAA	.70	T	T		.06	T	T	T	T	.18	.46				T	T		T		T				T	T		T	T	T			
JAMESTOWN STATE HOSP	.49	T			.03			T	T		.46							T		T					T		T	T				
KEENE 2 S	.33				.23		.05		.01						.03										.01							
KENMARE R	.25				.10				.02		.01							.01	.01					.04	.06							
KENSAL WILDLIFE REF	.27	T			.07						.20																					
KILLDEER 8 NW	.40				.40									T	T	T																
KULM	.26				.01						.25																					
LANGDON EXP FARM	.2	.07			.05													T	.01				T				.12	.01				
LANSFORD	.38	.03			.10			T	.06		.11				T			T	T				T	.06				.02				
LARIMORE	.14	.02			.07						.02														T		.03	T				
LEEDS	.24	.01			.15			T	T		.02				T			.01						.03			.07					
LEFOR 10 E	.24				.15			.01		T	.06			T	T	.02	T			T												
LINTON	.53								T	.08	.45				T					T					T							
LISBON	.75							T			.75							T	T	T							T					
LITCHVILLE	.46	T	T		T			.01			.45							T					T				T	T				
LOSTWOOD 12 N	.16	T			.10				.03		T				T			T						.03				T				
MADDOCK AGR SCHOOL	.32				.14			T	T		.18				T			T		T				T		T	T					
MANDAN EXP STATION	.35	.02	T		.05				.03	T	.23	T			.02			T	T	T									T			
MANDAN FT LINCOLN PARK	.2	T			.02				.01	T	.23				T																	
MARMARTH	.45	T			T					T	T			T	T	.44				T	T						.01		T			
MARTIN	.35		T		.20						.15													T								
MAX	.22	.02			.10				.02	.02	.06								T									T				
MAYVILLE	.30	.03	T		.03		T	T	T		.09				T	T		.05					T	T			.06	.04				
MC CLUSKY	.39				.17				.02		.18							.01										.01				
MC HENRY 5 N	.21		T		.12			T			.07							T		T					T		T	.02				
MC LEOD 3 E	.14										.10							T									.04					
MC VILLE	.17	T			.03		T				.14							T									T					
MEDINA 1 W	.26				.06						.20																					
MEDORA 4 NNE	.17				T	T		T	T	T				T	T	.10	.07				T								T			
MEDORA 23 NNW	.15				.10									T		.05																
MINOT CAA	.29	.02	T		.06			T	.04	.02	.08			.01	.01			T	T	T				.03	T	.01	T	.01				
MINOT EXP FARM	.15				.08			T	.02		.05				T			T						T		T		T				
MOFFIT 4 SE	.11	T			.01				T		.10							T										T				
MOHALL	.36	T			.16				.05		.06							.01						.08				T				
MONTPELIER	.46				T			T	T		.43							T		T							.02	.01				
MOTT	.17			T	T			T	T	.05	.05			T	T	.05	.02			T					T							
MUNICH 4 SW	.1	.02			.05		T						T					.01	.01				T	.02		T	.01	T				
NAPOLEON 1 SE R	.2	.01			T				T	T	.27				T													T				
NEW ENGLAND	.1				T						.05					.08	.05															
NEW ROCKFORD 7 WNW	.1				.02			T			.14							T									T		T			
NEW SALEM 1 S	.2	.03							.08	T	.15				T																	
NEWTOWN	.21				.13				.08	T	T			T	T											T		T				

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOONAN	.46				.34				.03															.09								
NORTONVILLE	.38										.38																T					
OAKES	.89	.04			T				T	T	.77	.08								T			T					T	T			
PARK RIVER	.05	.03	T		T						T							T						T			.02					
PARSHALL	.29	.01			.16				.06		.05			T				.01						T								
PEMBINA 2 N	-	-			.06										T				.03				.01		.03	T	.03					
PETERSBURG	.31	.03			.10																						.18					
PETTIBONE	.16		T		.03				T		.09																	.04				
PINGREE	.50				T			T	T		.50							T		T							T					
PORTAL	.55		T		.17				T	.15								.05						.12	.06			T				
POWERS LAKE 1 N	.10				.10				T						T		T									T						
PRETTY ROCK	.18							.04	T	.03				.03	.02	.02	.04		T													
REEDER	.30								T	.05	T				T	.15	.10			T							T					
REEDER 14 N	.11								T		.06				T	T	.05															
RICHARDTON ABBEY R	.21	T			.03	T			.03	.01	.09			T	.03	.02	T	T		T	T				T			T				
RIVERDALE	.34	.04	T		.18		T		.07	T	.05	T			T			T		T	T							T				
ROLLA	.27	.02			.12			T						T	T			.01					T	.05			.07	T				
RUGBY	.43	.02	.01		.16				.02		.15				T			T						.03			.04					
RYDER	.28				.18			.05			.03				.02							T			T							
SAN HAVEN	.32	.01			.13						.03				T								.01	.05		.04	.05					
SCRANTON	.21									.01	T			T	T	.20	T			T							T		T			
SELFRIDGE 11 W	.58		T							.10	.18				.20	.10																
SENTINEL BUTTE 20 S	.15			T	T					T				T		.08	.07			T						T						
SHARON	.32		.02		.09		T				.20							.01									T					
SHERWOOD 3 N	.36	T			.15				.02		.04							.01						.12				.02				
SHIELDS	.27								T		.27				T			T						T								
STANLEY	.28				.16				.12																							
STEELE	.29	T		T					T	T	.29										T						T	T				
SYKESTON	.29								T		.29							T						T			T	T				
TAGUS	.21	T			.11				.08					T				.02						T								
TIOGA	.40	.07			.18				.15				T		T	T								T		T						
TOLLEY 5 NNE	.34	T		T	T	T			.08			.10						T						.16								
TOWNER	.16	T									.12							T						.04			T					
TROTTERS 6 WNW	.30				.19	T			T		T			T	T	.08	.03				T						T	T				
TURTLE LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-															T				
TUTTLE	.21				.06				T		.14									T								.01				
UNDERWOOD	.39	.03	T		.18				.08		.10	T															T					
UPHAM 3 N	.35	T			.13				.02		T							T					T	.20			T					
VALLEY CITY	.57				.05		.01				.45				T			.01				T					.05	T	T			
VELVA	.29	T			.10			T	.03		.08				T			T						.01	T			.07				
VERONA	.30										.30																T					
WAHPETON STATE SCHOOL	.89	T			.02		.07	T			.73							T			.03						.04					
WALHALLA	.05	.05					T									T											T	T				
WARWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WASHBURN	.33				.13				.04	T	.16				T																	
WATAUGA 8 N S DAK	.24			T				T		.08	.13				T	.02	.01			T	T											
WATFORD CITY	.39				.28				.09					T												.02						
WATFORD CITY 14 S	.29				.29					T				T		T					T					T						
WESTHOPE	.14	T									T							.02				T		.12								
WILDROSE	.33	T			.12				.15															.06								
WILLISTON WB CITY	.28	T			.14			.10	T	T				T	T			T	T	T	.01			.01	T	.02						
WILLOW CITY	.30	.04			.11				.03		.03							T				T		.07			.02					
WILTON RR STATION	.27				.13				T		.10	.04			T																	
WISHEK	.28											.28																				
WOODWORTH 5 E	.18					.03			T		.15																					
ZAHL	.22	T		T	.13			T	.05	T				.02				T						T		.02						

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	34	39	48	52	43	40	29	30	26	19	29	33	36	33	20	13	39	31	21	12	23	44	45	33	40	43	41	31				33.1
	MIN	2	4	25	34	28	23	20	22	16	15	10	14	17	7	1	-7	-2	12	11	0	-6	22	22	24	23	30	29	6				14.4
AMENIA	MAX	15	14	37	42	37	31	28	22	29	27	31	29	36	33	16	17	14	27	24	15	18	36	41	38	40	44	40	34				29.1
	MIN	-10	-1	6	14	29	23	13	5	18	18	17	16	6	7	-8	-5	-12	9	3	3	-9	9	17	25	25	26	11	5				9.3
AMIDON	MAX	36	51	46	50	51	41	40	36	28	20	25	39	37	35	30	11	29	38	30	16	9	24	39	38	33	39	37	36				33.7
	MIN	4	19	23	29	25	17	13	22	19	12	8	12	19	16	9	2	-3	15	12	-4	-15	-2	17	20	21	26	23	14				13.3
ARVILLA STATE PARK	MAX	3	14	31	44	38	30	25	18	22	23	34	32	37	31	19	16	13	18	17	14	21	39	35	34	40	39	34	30				26.8
	MIN	-12	-15	2	4	22	19	9	-2	9	13	17	17	15	5	-8	-3	-9	7	-6	-1	-10	14	19	16	20	24	5	0				6.1
ASHLEY	MAX	7	23	39	43	40	35	32	27	22	20	24	26	35	31	11	8	25	29	21	15	13	36	38	32	35	41	42	30				27.9
	MIN	-2	-1	15	12	26	22	21	18	12	14	15	11	10	11	-8	-19	-10	13	11	-2	-13	12	16	24	17	24	22	12				10.1
BEACH	MAX	34	49	47	51	46	42	41	36	28	22	32	38	38	35	30	13	28	38	29	16	13	28	38	36	35	39	38	38				34.2
	MIN	6	17	19	20	25	17	10	11	19	15	9	13	14	16	10	5	-1	10	7	-4	-15	-13	13	11	20	21	25	18				11.4
BELCOURT INDIAN RES	MAX	1	14	33	44	36	32	27	18	20	27	34	30	32	26	7	16	21	28	18	10	16	34	31	26	35	37	34	22				25.3
	MIN	-10	-12	-2	7	20	23	1	10	9	12	2	15	10	-11	-14	-23	-9	5	-3	-10	-19	15	18	13	16	23	-2	-7				2.8
BELFIELD	MAX	44	46	51	51	41	39	38	30	29	25	40	38	36	34	26	18	40	33	24	14	26	42	42	36	39	42	41	36				35.8
	MIN	4	12	10	28	22	18	7	18	15	12	5	11	21	23	5	-2	-8	7	-2	-2	-14	17	23	20	31	22	18	12				11.9
BISBEE	MAX	5	19	21	38	35	32	25	20	21	23	33	28	31	27	10	15	20	24	19	13	27	32	29	28	33	39	35	28				25.4
	MIN	-10	-10	5	8	22	25	7	8	11	13	6	6	12	-1	-10	-11	-8	3	10	-6	-14	12	21	16	22	23	9	-2				6.0
BISMARCK WB CITY	MAX	12	20	34	46	51	43	40	29	29	25	22	30	33	37	18	8	15	43	28	19	10	30	42	42	35	41	44	42				31.0
	MIN	4	2	7	21	31	26	23	18	18	14	9	12	17	11	-4	-12	-6	9	17	-1	-5	-2	24	24	24	29	30	7				12.4
BISMARCK WB AIRPORT	MAX	24	34	44	49	42	40	28	29	24	21	29	30	35	29	6	16	40	28	22	14	29	43	42	33	40	44	42	28				31.6
	MIN	3	-3	11	20	26	25	24	19	17	16	5	9	20	2	-7	-13	-5	20	7	-1	-7	20	23	26	25	33	27	7				12.5
BOTTINEAU	MAX	-1	5	15	34	40	31	27	23	19	22	33	29	25	29	14	11	10	21	22	19	10	21	33	29	28	31	36	33				23.2
	MIN	-10	-4	-3	3	25	19	16	13	14	14	3	6	6	-1	-13	-18	-15	0	0	-9	-16	-14	12	15	12	23	5	-4				2.8
BOWBELLS	MAX	9	15	34	40	41	33	31	20	20	20	30	28	29	32	18	6	15	32	20	15	8	28	38	31	30	35	35	30				25.8
	MIN	-10	-2	2	15	23	18	10	11	11	5	7	10	9	2	-7	-14	-13	7	0	-11	-13	3	27	3	3	15	23	-8				4.5
BOWMAN COURT HOUSE	MAX	52	48	52	51	46	42	38	39	29	26	39	38	40			19	40	34	24	13	26	39	37	34	36	38	36	33				36.5
	MIN	10	20	22	32	25	14	11	21	17	12	3	11	23	12	8	3	-3	11	11	-7	-18	19	13	20	17	25	24	15				13.3
BUTTE	MAX		20	31	38	43	36	34		24	23	20	28	28	33	17	6	12	37	25	14	10	26	37	35	34	34	40	36				27.7
	MIN		2	0	18	27	24	21		15	14	6	8	12	-1	-10	-15	-20	5	7	-6	-8	-6	14	12	21	24	19					7.3
CARRINGTON	MAX	0	13	28	37	45	37	34	26	21	26	21	27	26	31	16	-2	14	32	26	18	12	21	38	38	33	31	31	42				25.8
	MIN	-9	-6	2	11	29	23	12	12	12	12	8	6	9	3	-13	-17	-16	-8	0	-6	-15	-13	15	21	18	25	12	-1				4.5
CARSON NO 2	MAX		25	41	48	52	39	41	34	31	20	19	29	33	29	25	22	18	39	22	18	12	26	42	46	32	40	45	30				31.8
	MIN	2	3	13	24	23	14	17	21	14	14	4	6	14	12	10	0	-3	10	5	2	-10	-7	12	24	21	23	30	8				10.9
CAVALIER	MAX	-2	9	21	45	37	23	20	14	14	18	34	30	36	22	9	13	16	20	17	11	22	30	30	35	39	37	27	26				23.3
	MIN	-20	-16	-3	1	15	17	2	-5	-3	5	8	16	11	2	-11	-6	-6	5	-2	-6	-12	12	14	12	24	18	2	-2				2.6
CENTER	MAX	29	36	42	47	41	37	32	28	24	21	28	34	35	32	19	15	41	34	28	15	24	40	37	39	38	45	39	32				32.6
	MIN	1	-4	14	21	29	20	21	22	14	15	4	4	10	5	-5	-16	-4	14	14	-4	-11	21	20	26	25	30	29	5				11.4
COOPERSTOWN	MAX	14	18	35	42	40	33	32	23	22	22	32	33	32	30	12	16	17	26	23	15	17	38	40	34	37	40	36	35				28.4
	MIN	-10	-4	11	14	29	25	13	9	13	14	14	12	10	1	-9	-10	-7	2	2	-1	-12	10	19	23	23	27	10	1				8.2
CROSBY	MAX	20	28	31	39	36	32	28	25	21	24	29	26	32	30	13	14	30	25	22	12	20	35	35	30	32	36	32	23				27.1
	MIN	-5	-4	8	16	22	18	13	17	12	-1	7	8	17	3	-5	-13	-3	14	-1	-8	-19	14	23	13	20	26	22	-7				7.4
DEVILS LAKE W B CITY	MAX	5	24	30	42	33	31	22	20	25	22	33	26	31	15	9	17	25	23	18	9	24	38	35	31	34	38	35	14				25.3
	MIN	-8	-5	10	16	27	21	10	10	13	13	8	9	14	-2	-11	-10	-7	2	5	-7	-13	12	24	19	24	17	9	-1				7.1
DICKINSON CAA	MAX	45	45	49	53	42	40	31	30	24	23	36	37	36	27	15	12	37	30	20	15	28	40	41	35	40	42	40	23				33.4
	MIN	7	13	23	29	22	16	11	22	13	6	5	13	23	12	0	-6	0	8	-1	-6	-12	20	19	21	20	30	20	8				12.0
DICKINSON EXP STATION	MAX	13	37	45	50	52	42	41	31	31	20	25	38	39	37	27	10	24	38	29	18	16	29	43	43	36	41	43	40				33.5
	MIN	1	6	18	22	24	14	12	14	18	10	4	12	16	11	7	1	-3	5	11	-2	-11	-9	12	20	22	22	27	8				10.4
DRAKE	MAX	11	19	29	38	43	37	34	25	22	24	22	29	28	34	22	6	13	35	25	15	10	28	38	35	33	35	41	38				27.5
	MIN	-6	1	1	12	29	22	22	18	15	14	4	9	15	-1	-9	-14	-15	2	2	-11	-13	-13	28	19	19	25	13	-1				6.7
DUNN CENTER	MAX	11	35	40	48	45	40	39	29	30	21	28	34	36	34	25	8	16	40	26	18	15	30	43	38	36	41	42	40				31.7
	MIN	-1	0	2	20	28	20	20	13	13	4	-4	5	10	10	3	-6	-4	9	10	2	-8	-8	20	20	21	23	27	6				9.1
ECKMAN	MAX	6	11	28	35	40	33	32	25	20	20	21	28	28	30	10	7	13	34	23	15	10	20	30	36	31	34	37	33				24.6
	MIN	-7	-6	-3	-1	27	17	16	12	12	11	-2	4	7	-4	-16	-21	-21	-2	-6	-19	-21	-18	5	14	9	24	18	-8				0.8
EDGELEY EXP FARM	MAX	4	7	19	39	40	37	35	26	24	24	22	27	25	33	17	5	9	28	27	16	9	13	37	41	33	33	41	39				25.4
	MIN	-3	7	14	22	28	26	22	17	12	14	17	11	12	9	-9	-15	-12	14	4	0	-13	8	16	26	20	26	12	9				10.5
EDMORE 1 W	MAX	-2	15	28	40	37	31	26	23	20	21	33	30	35	29	15	17	16	22	16	15	16	39	36	30	38	38	35	29				26.0
	MIN	-12	-4	4	4	20	25	8	8	12	15	12	15	15	3	-10	-5	-5	2	0	-10	-12	6	16	14	23	25	3	-3				6.0
ELBOWOODS	MAX	40	43	49	41	38	33		30	31	23	32	33	35	34	22	18	41	38	22	20	28	43	39	38	39	40	39	32				34.1
	MIN				33	22	20		15	15	8	-6	14	14	4	1	-12	-1	20	10	-9	-11	22	25	21	26	35	30	6				12.6
ELLENDALE	MAX	22	22	38	46	41	35	35	30	26	23	29	25	35	33	14	9	17	30	21	16	10	40	43	36	37	42	41	36				29.7
	MIN	-2	5	9	16	31	24	23	18	17	20	18	14	17	10	-7	-15	-15	12	4	2	-11	5	12	27	20	28	20	11				11.2
ENDERLIN	MAX	2	7	19	36	42	34	33	22	23	28	24	31	27	38	20	7	17	26	27	17	7	23	38	39	29	39	42	39				26.3
	MIN	-6	-2	3	12	24	30	20	9	13	20	12	13	16	14	-10	-12	-14	-10	3	5	-10	-8	12	21	26	25	12	8				8.1
EPPING	MAX	25	34	38	41	35	30	30	29	22	30	26	30	32	31	14	18	33	28	22	11	22	37	32	33	33	35	33	31				29.1
	MIN	-3	-2	8	23	22	12	14	20	13	5	9	11	15	-4	0	-12		12	5	0	-18	13	25	17	16	26	22	0				9.2
FARGO WB AIRPORT	MAX	3	12	33	39	35	27	22	24	30	26	29	27	35	19	7	14	19	26	15	11	16	30	39	30	38	41	37	18				25.1
	MIN	-9	0	8	15	27	22	8	4	20	21	14	7	8	2	-12	-11	-11	8	-1	-4	-11	11	14	22	26	18	9	2				7.4
FESSENDEN	MAX	12	28	38	44	38	36	30	22	26	23	33	31	34	28	17	15	36	33	20	15	18	41	38	32	38	42	39	31				29.9
	MIN	-6	3	9	19	29	24	18	15	14	14	2	10	9	4	-11	-16	-8	1	14	-9	-13	12	26	19	23	28	17	1				8.9
FORMAN	MAX	10	19	36	41	35	34	32	25	21	23	33	31	37	31	9	12	24	28	28	14	12	39	36	33	38	42	38	34				28.4
	MIN	-4	9	13	10	30	28	18	11	16	20	15	9	5	8	-9	-19	-15	11	2	5	-13	6	7	25	24	29	20	10				9.7
FORT YATES	MAX				54	49	43	42	32	31	22	30	33	37	35	16	15	42	38	29	16	21	44	46	46	41	46	44	41				35.7
	MIN				26	21	25	21	21	16	16	11	14	17	14	4	-12	-5	10	6	2	-6	15	22	27	22	29	29	12				14.3
FOXHOLM 7 N	MAX	17	34	44	42	40	34	28	24	20	23	29	29	32	32	16	12	35	29	21	18	24	40	39	33	34	37	34	31				29.7
	MIN	-4	-5	-4	9	23	18	18	13	16	7	0	13	18	0	-10	-19	-6	3	-11	-10	-10	20	25	11	29	27	20	-4				6.7
FULLERTON	MAX	10	21	38	42	39	36	33	27	24	24	28	25	35	32	12	12	17	28	21	16	13	39	41	36	38	41	40	34				28.6
	MIN	3	8	11	17	29	21	22	15	15	19	16	9	3	7	-10	-16	-18	10	1	1	-12	5	10	26	20	26	21	10				9.6

DAILY TEMPERATURES

Table 5 Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	19		39	42	37	34	32	24	23	23	25	24	33	29	9	8		28	20	15	12	36	38	32	36	38	38	32				27.9
	MIN	4	4	12	19		19	20	14	12	11	12	9	6	6	-12	-21	-11	8	11	-4	-17	8	17	23	21	24	10	4				7.7
GARRISON	MAX	10		34	41	45	40	36	31	32	23	20	29	29	33	21	4	15	38	25	17	11	26	45	34	34	35	38	34				28.9
	MIN	1		1	13	26	21	20	20	15	10	4	6	11	7	-3	-13	-13	7	15	-5	-10	-9	22	20	20	24	27	3				8.9
GRAFTON STATE SCHOOL	MAX	-4	7	23	30	35	22	21	15	19	21	33	30	35	29	14	13	11	19	16	15	18	31	28	31	37	37	31	28				23.4
	MIN	-20	-16	-5	-2	15	14	3	-6	1	7	8	15	12	1	-12	-8	-7	6	-9	-8	-15	5	16	7	20	22	1	-4				1.5
GRAND FORKS CAA	MAX	1	12	27	38	34	25	20	18	24	24	32	26	35	19	7	14	16	21	15	9	19	35	34	32	39	36	33	11				23.4
	MIN	-14	-7	4	9	20	17	0	-2	13	17	15	16	15	1	-8	-5	-3	6	-2	-6	-13	9	18	15	23	11	5	-4				5.4
GRAND FORKS UNIVERSITY	MAX	-1	12	28	37	27	24	24	19	25	25	32	31	35	30	13	14	14	21	15	13	19	32	33	33	39	37	32	25				24.6
	MIN	-16	-6	6	10	20	17	8	-1	14	18	17	16	16	6	-8	-4	-2	10	1	-2	-10	9	19	16	24	25	6	1				7.5
GRAND RAPIDS 1N	MAX	10	22	42	46	39	37	29	26	25	23	26	29	36	32	7	11	18	29	24	14	23	41	43	38	39	43	42	34				29.6
	MIN	-3	5	6	14	29	27	21	14	10	18	16	8	6	2	-12	-19	-22	6	-2	1	-14	7	10	28	22	26	15	8				8.1
GRANVILLE	MAX	16	35	41	43	35	33	28	25	23	23	29	32		28	10	12	32	28	21	12	24	40	33	35	35	38	35	29				28.7
	MIN	-3	-3	10	19	26	18	21	18	14	13	2	16		0	-9	-15	-5	0	2	-10	-12	18	25	19	25	27	17	-3				8.5
GRENORA	MAX	21	35	34	39	38	34	29	30	29	25	29	28	34	33			35	30	23	11	20	35	30	33	33	36	34	33				30.4
	MIN	-5	-2	14	23	24	12	12	20	16	3	10	9	14	-1	-3	-10	0	10	2	-5	-16	15	19	17	18	25	20	-4				8.5
HANKINSON R R STATION	MAX	6	10	17	35	43	35	33	24	21	26	26	32	26	34	20	1	12	27	23	16	10	23	35	38	33	39	42	37				25.9
	MIN	-5	-5	3	11	21	27	20	5	7	11	19	15	13	12	-3	-16	-16		0	1	-10	-10	11	10	20	25	16	3				6.9
HANNAH	MAX	-3	15	25	38	35	26	20	17	18	23	28	27	31	19	5	14	15	15	15	9	15	37	32	28			30	20				21.3
	MIN	-17	-18	-1	6	12	19	1	0	6	7	4	4	12	-8	-18	-13	-7	-3	-6	-18	-19	5	19	14	22	16	0	-8				0.4
HANSBORO	MAX	-1	18	30	43	35	31	24	19	19	22	31	31	32	26	8	20	19	21	16	11	15			27	35	39	32	24				24.1
	MIN	-12	-13	5	10	16	24	6	5	9	11	9	14	16	0	-12	-9	-5	5	5	-9	-11	15		12	18	22	6	-4				4.9
HETTINGER	MAX	43	47	49	51	42	41	33	36	25	22	35	36	36	30	24	15	40	30	20	12	26	37	39		36	39	38	31				33.8
	MIN	7	18	23	35	24	18	12	18	16	11	4	11	23	17	4	-2	-2	12	10	-2	-15	20	15		17	26	27	12				13.3
HILLSBORO	MAX	0	14	36	44	38	29	25	21	29	25	34	30	40	34	19	16	14	25	20	14	19	36	42	32	39	39	37	34				28.0
	MIN	-12	-2	5	13	28	20	10	1	16	17	18	18	9	6	-7	-3	-7	10	3	1	-9	8	14	21	23	26	8	2				8.5
JAMESTOWN CAA	MAX	17	21	40	45	40	35	28	25	24	22	29	27	34	25	8	15	30	28	18	12	21	39	41	33	38	42	39	25				28.6
	MIN	-4	7	14	20	30	26	16	15	16	15	14	7	6	-2	-11	-14	-12	5	5	-5	-12	17	20	25	24	29	16	6				9.8
JAMESTOWN STATE HOSP	MAX	9	21	37	44	37	34	31	24	24	23	28	26	35	30	10	11	21	30	20	15	14	38	40	34	37	42	39	33				28.1
	MIN	-3	7	14	19	30	26	19	16	17	15	17	12	10	7	-8	-13	-12	5	7	-1	-11	12	18	26	26	29	16	6				10.9
KENMARE	MAX	5	19	34	40	41	34	30	24	24	20	26	29	30	34	19	7	17	33	21	17	11	29	37	31	31	35	37	32				26.7
	MIN	-7	-2	1	15	21	19	15	16	11	4	2	9	9	0	-8	-16	-16	8	-1	-11	-11	-13	22	10	8	21	25	-4				4.5
KENSAL WILDLIFE REFUGE	MAX	8	26	43	47	43	37	34	21	27	22	33	30	36	29	14	17	26	32	22	16	18	41	43	36	40	45	42	36				30.9
	MIN	-7	3	9	15	29	24	12	13	13	14	12	11	13	3	-13	-16	-11	3	0	-6	-14	12	13	21	24	27	7	0				7.5
LANGDON EXP FARM	MAX	-4	14	27	37	30	25	23	19	19	23	33	27	32	25	10	18	15	20	20	13	14	38	37	29	35	36	32	27				24.1
	MIN	-19	-16	1	6	12	20	-2	-2	5	6	8	8	12	-8	-18	-14	-8	-4	-7	-17	-20	4	20	11	20	21	-2	-8				0.3
LARIMORE	MAX	0	14	32	43	38	30	25	17	21	22	34	31	36	30	16	17	13	25	17	13	20	42	34	32	38	38	35	31				26.6
	MIN	-11	-9	6	13	23	13	9	3	9	13	16	15	16	5	-8	-4	-3	6	1	-1	-11	14	21	18	24	27	8	0				7.6
LEEDS	MAX	6	26	27	41	37	31	27	21	24	24	29	24	30	27	10	12	32	27	21	15	17	35	34	31	33	37	34	28				26.4
	MIN	-8	-8	5	3	28	25	11	12	12	13	4	8	12	-4	-12	-12	-5	1	12	-9	-13	11	20	18	24	26	9	-4				6.4
LINTON	MAX	15	24	48	50	43	40	33	30	29	22	30	30	40	34	17	15	41	33	27	16	20	43	45	37	40	43	41	36				32.9
	MIN	0	2	5	25	25	22	22	22	16	17	12	12	6	12	-3	-14	-7	14	15	0	-14	12	16	27	20	29	31	10				11.9
LISBON	MAX			35	40	34	33	32	23	25	23	28	29	33		9	17	14	25	20	12	25	34	38	35	36	38						27.7
	MIN			7	10	27	25	13	6	14	19	15	12	16	8	-15	-15	-12	16	6	4	-12	14	16	19	22	27		7				10.0
LOSTWOOD 12N	MAX	20	30	35	40	36	31	25	22	18	27	28	23	30	28	11	10	30	20	19	9	19	35	32	29	30	35	33	25				26.1
	MIN	-8	-6	12	19	15	13	12	15	10	2	8	10	14	-3	-10	-22	-4	12	-2	-15	-17	2	23	12	20	23	21	-13				5.1
MADDOCK AGR SCHOOL	MAX	11	27	30	41	39	32	28	20	25	24	27	26	31	29	12	13	32	31	22	14	18	36	38	31	35	39	37	29				27.8
	MIN	-9	1	8	12	30	24	15	14	14	14	5	9	13	0	-12	-14	-9	1	13	-10	-14	14	21	19	24	27	11	-3				7.8
MANDAN EXP STATION	MAX	5	24	35	45	48	41	38	26	27	24	20	28	31	35	18	6	13	40	28	18	12	28	41	40	33	38	42	40				29.4
	MIN	1	2	7	23	29	25	23	23	17	16	9	13	15	10	0	-10	-6	7	18	-1	-6	-2	23	26	25	29	30	7				12.6
MANDAN FT LINCOLN PARK	MAX	24	34	45	54	47	42	38	29	28	23	31	33	38	32	19	17	42	36	26	14	23	44	43	35	42	46	43	35				34.4
	MIN	1	0	18	22	30	24	23	23	16	15	6	13	18	9	-3	-10	-5	16	14	-1	-8	18	23	25	23	32	28	6				13.4
MARMARTH	MAX	52	46	50	50	42	41	41	41	27	20	28		38	34	28	18	40	31	27	13	30	40	30	35	38	40	35	30				35.0
	MIN	18	16	15	32	24	12		25	19	17	5		15	18	10	1	-8	7	12	-10	-19	19		23	25	25	17	17				13.4
MAX	MAX		22	29		42	34	32	24	24	24	22	28	28	22	18	4	10	38	25	18	10	34	38	34	33	34	44	34				27.1
	MIN	-5	-5	5		9	18	19	19	14	14	2	2	10	-5	-4	-15	-15			-6	-13	-14	22	18	18	21	20	0				5.2
MAYVILLE	MAX	2	16	35	43	38	30	26	20	27	24	33	29	36	33	15	17	14	25	21	15	19	36	38	32	38	42	34	32				27.5
	MIN	-10	-4	7	14	29	21	12	4	16	18	19	17	14	7	-5	-2	-3	9	3	2	-9	13	20	24	25	29	9	3				10.1
MC CLUSKY	MAX	20	32	36	44	36	31	29	24	22	22	22	23	28	28	9	13	39	31	22	12	20	37	32	31	32	34	34	31				27.6
	MIN	-8	2	14	20	22	22	20	20	15	14	3	9	14	2	-7	-15	-4	11	10	-6	-12	17	22	19	23	28	19	2				9.9
MC HENRY 5 N	MAX	3	21	33	42	37	31	28	20	24	18	30	26	31	26	10	13	16	27	20	13	15	37	38	32	36	40	37	29				26.2
	MIN	-10	-7	8	12	28	24	10	8	11	12	8	9	10	-3	-17	-15	-11	-1	-1	-6	-17	10	19	20	21	26	6	-2				5.4
MC LEOD 3 E	MAX	10	15	37	43	38	40	32	23	25	27	32	28	35	32	9	11	17	28	23	17	15	40	39	36	38	43	40	35				28.9
	MIN	-7	1	6	12	30	31	16	3	5	21	15	10	5	5	-12	-17	-15	8	0	5	-12		14	25	25	29	14	7				8.3
MEDORA 4 NNE	MAX	48	48	52	51	44	43	38	37	27	30	40	41	37	36	28	21	41	35	25	16	28	43	39	37	40	42	40	36				37.3
	MIN	6		14	25	29	11	6	19	19	16	5	10	24	18	8	4	-12	-1	13	-3	-19		18	23	25	31	28	13				12.7
MINOT CAA	MAX	19	31	39	41	34	31	25	23	19	19	28	27	32	24	3	13	33	23	16	9	25	38	31	33	33	37	34	13				26.2
	MIN	-3	1	16	30	24	20	20	16	14	7	8	12	22	0	-8	-13	2	8	4	-8	-8	23	25	17	26	29	13	0				10.6
MINOT EXP FARM	MAX	22	30	30	42	40	33	28	24	20	23	30	26	32	29	10	11	34	28	22	11	23	37	34	32	33	38	35	30				28.4
	MIN	-5	1	15	22	23	19	19	18	13	10	4	14	12	-1	-8	-15	-4	9	4	-8		18	26	15	27	28	20	-1				10.2
MOHALL	MAX	11	23	36	40	37	30	24	23	21	20	27	28	31	27	10	13	32	22	16	8	22	38	32	29	31	36	33	23				25.8
	MIN	-5	-2	8	17	25	15	20	15	4	3	1	8	17	-1	-14	-18	-7	4	-3	-13	-14	17	24	10	23	25	22	-7				6.2
MOTT	MAX	44	47	51	54	45	42	35	32	26	23	35	38	37	35	26	15	41	34	26	16	25	42	45	34	40	42	41	35				35.9
	MIN	5	3	13	25	22	14	9	16	16	13	2	9	15	14	4	1	-5	7	15	-1	-14	19	16	23	20	29	25	11				11.6
MUNICH 4 SW	MAX	-2	13	25	35	31	28	21	16	19	22	28	26	32	20	10	5	14	19	16	10	16	35	31	26	34	36	32	20				22.1
	MIN	-14	-14	0	4	16	21	3	3	7	10	6	11	11	-4	-14	-10	-13	-3	0	-14	-17	6	21	12	20	17	3	-5				2.3
NAPOLEON 1 SE	MAX	11	22	36	45	40	36	30	25	23	22	25	25	34	31	8	8	30	29	20	15	13	38	40	33	36	40	38	32				28.0
	MIN	-4	4	18	17	25	23	20	18	10	14	11	7	12	7	-12	-27	-11	17	14	-4	-16	8	20	19	17	17	20	5				8.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	48	47	50	52	42	40	32	31	27	23	34	38	36	34	22	6	39	30	24	12	26	40	42	35	38	40	40	33				34.3
	MIN	5	9	20	28	23	16	10	15	17	9	2	13	20	16	5	-1	-9	8	10	-3	-14	17	16	22	24	28	24	12				12.2
NEW SALEM 1 S	MAX	30	36	46	49	41	38	28	27	24	19	30	31	35	33	15	15	39	27	22	11	25	44	45	33	29	42	41	31				31.6
	MIN	0	1	21	31	25	20	18	21	14	14	8	10	13	8	-7	-10	-4	12	8	-3	-10	20	22	22	22	24	27	4				11.8
NEWTOWN	MAX	25	28	39	43	39	32	30	27	21	28	30	30	33	32	17	13	37	32	20		25	37	32	35	36	38	33	32				30.5
	MIN	-2	-5	15	18	23	17	16	21	15	13	-1	11	17	2	-1	-11	-2	18	5		-14	17	22	20	23	29	28	3				11.0
OAKES	MAX	8	20	23	35	44	35	33	26	26	24	24	29	25	36	18	4	8	27	21	16	12	19	35	41	34	37	42	40				26.5
	MIN	-3	6	7	6	24	27	23	11	15	15	17	11	3	7	-11	-16	-22	-13	2	4	-11	11	10	11	22	22	19	9				6.6
PARK RIVER	MAX	-1	12	30	42	39	29	24	19	16	17	34	32	36	31	16	15	14	22	19	14	19	40	30	32	39	38	34	32				25.9
	MIN	-14	-13	0	5	18	19	7	1	5	9	16	17	17	4	-8	-3	-5	7	-1	-2	-11	14	23	15	18	26	5	-1				6.0
PARSHALL	MAX	20	30	40	43	36	32	28	27	23	29	31	31	33	31	17	14	37	31	19	9	24	38	34	37	35	36	34	31				29.6
	MIN	-3	-5	4	18	25	15	16	23	14	4	-7	10	13	2	-5	-20	-3	19	4	-5	-14	16	19	19	19	29	25	6				8.3
PEMBINA 2N	MAX	-6	8	22	40	40	21	20	16	18	26	31	31	32	28	9	9	15	18	19	19	20	35	35	33	36	36	34	20				23.8
	MIN	-19	-25	-3	-4	14	14	-3		-9	5	4	16	4	0	-18	-10	-14	3	-11	-16	-19	7	15	11	22	23	-4	-6				-0.9
PETERSBURG	MAX	0	13	31	40	35	29	25	20	18		33	36	36	34		22	15		12	20	12	39	38	31	33	36	32	28				26.7
	MIN	-12	-9	8	13	21	25	5	2			10	5	14	0	-12	-7	-4	4	0	-10	-12	9	23	16	21	23	3	-8				4.9
PETTIBONE	MAX	14	25	40	45	38	35	33	25	25	22	29	27	34	31	10	15	32	30	24	13	15	39	40	36	36	40	37	34				29.4
	MIN	-5	6	11	28	28	27	21	22	16	15	7	11	10	3	-9	-17	-9	3	13	-3	-14	13	20	23	24	23	12	3				10.1
PORTAL	MAX	3	14	31	35	39	33	29	23	29	20	28	26	27	31	11	5	17	30	19	12	6	25	36	30	30	32	35	29				24.5
	MIN	-8	-2	2	14		12	14	17	8	5	8	5	6	-3	-8	-12	-8	0	-5	-15	-18	-11	12	7	8	20	23	-11				2.2
POWERS LAKE 1N	MAX	21	33	37	40	34	30	25	23	20	28	28	29	31	28	15	12		23	20	12	21	35	31	30	31	35	31	25				27.0
	MIN	-5	-5	10	21	19	11	14	16	12	5	5	2	13	-7	-6	-20		14	0	-3	-19	13	21	15	16	24	22	-7				6.7
RICHARDTON ABBEY	MAX	41	42	49	51	41	40	33	29	27	21	33	37	35	33	24	12	38	33	23	14	25	43	44	36	40	42	41	34				34.3
	MIN	2	6	24	30	27	19	19	21	15	10	7	13	22	10	4	-3	-3	10	12	3	-9	21	22	21	23	29	27	5				13.8
RIVERDALE	MAX	3	23	32	42	46	37	34	24	26	22	21	30	31	33	19	3	13	40	25	17	12	27	43	34	35	37	40	36				28.0
	MIN	-3	-1	0	18	26	22	20	19	14	14	4	5	12	5	-3	-11	-11	9	15	-4	-9	-8	25	20	20	25	28	2				9.0
ROLLA	MAX	0	15	34	43	36	32	25	18	19	27	33	32	34	21	7	18	21	26	17	10	15	34	31	25	37	39	35	25				25.3
	MIN	-12	-1	11	14	19	24	8	9	10	10		18	18	7	-6	-8	0	7	6	-7	-14	15	16	14	17	23		-3				7.5
RUGBY	MAX	10	26	30	41	39	33	28	22	22	26	26	27	31	29	14	11	33	30	21	16	18	35	33	32	33	37	35	30				27.4
	MIN	-6	0	6	14	28	20	16	14	12	13	2	7	14	0	-12	-15	-6	4	5	-14	-15	8	20	18	25	26	12	-5				6.8
SAN HAVEN	MAX	1	17	29	43	36	33	25	19	21	30	36	30	32	26	12	12	22	29	20	14	13	34	31	28	35	39	34	28				26.0
	MIN	-7	-7	8	14	22	23	14	12	12	14	9	15	12	-1	-9	-12	-6	6	5	-9	-15	13	21	15	19	24	12	-6				7.1
SHARON	MAX	2	15	36	39	37	31	28	20	21	21	35	28	32	29	11	20	10	23	18	12	16	38	38	30	36	39	36	30				26.1
	MIN	-10	-5	9	17	28	27	11	7	12	13	16	11	14	2	-9	-6	-4	4	0	0	-12	12	22	22	23	26	10	0				8.6
STANLEY	MAX	22	29	34	39	32	29	23	23	19	23	28	22	31	30	12	12	30	25	20	10	22	35	32	33	31	35	30	20				26.1
	MIN	-5	-6		17	12	16	13	18	12	7	6	5	10	-1	-2	-17	-4	12	0	-7	-17	17	15	17	19	22	19	-5				6.4
STEELE	MAX	11	24	40	49	40	37	34	25	26	20	29	28	36	31	13	14	32	30	25	16	18	42	42	34	38	42	40	32				30.3
	MIN	-1	4	11	21	24	22	21	19	12	14	7	14	12	5	-11	-19	-8	16	13	-4	-12	13	22	23	21	27	19	4				10.3
TOWNER	MAX	18	26	35	42	35	32	26	26	24	22	27	20	32	23	8	7	33	36	21	10	22	38	33	35	36	38	35	28				27.4
	MIN	-5	0	8	20	20	10	9	8	4	5	2	5	10	-5	-10	-8	0	1	-3	-11	-18	10	20		25	27		-6				4.5
TURTLE LAKE	MAX														32	18	4	16	41	26	15	10		39	35	35	37	38	37				
	MIN														0	-7	-19	-10	6	13	-9	-12		18	19	19	25	19	1				
UNDERWOOD	MAX	3	21	35	40	44	37	35	25	26	22	24	29	30	33	18	2	15	40	26	16	12	27	40	34	35	36	39	36				27.9
	MIN	-3	3	0	14	26	23	21	20	14	14	4	2	9	2	-10	-9	-16	4	14	-5	-10	-10	15	19	20	24	28	2				7.7
UPHAM 3N	MAX	12	25	32	41	38	33	28	21	24	32	30	30	34	27	12	15	33	28	22	16	22	40	36	33	34	37	36	28				28.5
	MIN	-5	-6	-2	7	28	17	15	16	13	11	-4	7	14	-3	-17	-19	-11	-3	-7	-17	-17	9	17	15	15	21	16	-9				3.6
VALLEY CITY	MAX	6	18	35	42	41	35	33	20	26	26	30	28	36	34	16	17	17	30	26	17	17	38	42	39	40	42	40	38				29.6
	MIN	0	4	11	14	32	28	19	12	12	18	18	14	10	9	-5	-10	-12	7	5	3	-10	8	19	25	26	28	12	4				10.8
VELVA	MAX	20	34	40	44	40	34	30	25	23	22	30	28	34	28	12	15	37	30	22	13	24	39	36	36	35	40	37	32				30.0
	MIN	-3	-1	11	18	26	20	21	19	15	13	0	15	19	3	-7	-14	-4	3	7	-6	-8	21	27	19	24	28	20	1				10.3
WAHPETON STATE SCHOOL	MAX	2	17	39	39	37	32	29	23	27	26	35	30	37	31	15	16	17	27	20	15	16	38	39	35	41	42	39	36				28.6
	MIN	-10	0	6	11	29	25	16	1	15	22	16	13	5	7	-14	-21	-16	12	-6	5	-13	5	9	24	24	29	10	6				7.5
WASHBURN	MAX	18	33	44	47	42	37	31	28	27	23	30	32	35	32	16	12	43	37	26	16	26	44	36	37	39	42	40	34				32.4
	MIN	-1	-1	12	25	25	21	21	22	15	15	3	10	15	3	-5	-18	-2	20	14	-6	-11	19	22	21	25	30	28	4				11.6
WATFORD CITY	MAX	32	41	43	47	40	36	30	28	26	32	30	37	34	33	20	21	38	33	24	16	27	42	34	37	38	39	38	30				33.1
	MIN	1	0	18	28	29	21	17	19	12	11	12	11	21	4	4	-5	4	12	7	5	-10	19	23	20	21	30	23	5				12.9
WATFORD CITY 14 S	MAX	39	45	50	50	48		33	32	26	33		39	38	38	32	19	41	36	23	16	29	47	42	38	40	42	40	37				36.7
	MIN	4	4	20	32	18	23	18	18	19	10		14	15	14	7	0	0	12	9	2	-11	20	18	22	24	32	26	7				14.0
WESTHOPE	MAX	20	16	35	40	37	29	25	20	22	23	34	26	30	22	9	13	22	22	16	10	23	38	30	29	30	37	33	14				25.2
	MIN	-3	-4	3	11	27	15	17	15	14	7	1	7	12	-5	-12	-17	-6	2	0	-17	-16	11	22	17	20	25	7	-9				5.1
WILLISTON WB CITY	MAX	27	34	41	44	37	35	29	28	23	26	32	34	36	26	9	19	35	25	17	12	29	40	32	36	36	39	36	18				29.8
	MIN	3	-1	16	33	28	20	18	22	11	5	14	14	24	8	3	-3	8	16	8	-3	-10	22	21	20	21	30	18	3				13.2
WILLOW CITY	MAX	9	21	27	44	38	31	27	22	21	31	29	27	31	26	8	10	26	25	25	11	24	36	36	32	33	38	35	18				26.5
	MIN	-5	-4	-2	0	26	18	13	14	12	13	-6	5	10	-4	-18	-24	-16	1	-5	-17	-17	10	16	14	17	24	13	-10				2.8
WILTON RR STATION	MAX	12	22	29	39	45	36	34	23	25	22	20	26	27	33	12	5	14	40	26	16	11	30	37	35	32	36	39	36				27.2
	MIN	-3	2	-1	22	28	23	21	20	15	13	11	10	10	4	-5	-10	-8	2	15	-6	-11	-11	25	21	20	24	25	2				9.2
WISHEK	MAX	9	21	39	48	43	36	32	27	27	21	25	25	34	32	15	10	25	27	23	16	11	38	41	38	37	41	40	36				29.2
	MIN	-3	1	17	12	26	21	20	18	12	13	15	9	10	9	-14	-21	-14	15	13	-1	-13	7	10	24	18	25	24	7				9.3

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Almont 7 SW	SNOWFALL	T							0.2	T	3.2				T	0.4												T				
	SN ON GND								–	–	3	3	3	3	3	2	2	2	2	2	2	2	1									
Amenia	SNOWFALL	1.0									4.0							T														
	SN ON GND	3	3	2	2	T	T	T	T	T	4	3	3	2	2	2	2	2	2	2	2	1	T	T	T	T	T	T	T			
Amidon	SNOWFALL	0.3								T	T				T	0.8	1.5	T			T	T				–	T	T				
	SN ON GND	T								T	T	T			T	1	2	2	2	2	2	2	2	1	1	T	T	T	T			
Ashley	SNOWFALL	0.1									2.0																					
	SN ON GND	5	5	5	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	2	1	1			
Beach	SNOWFALL									T					1.0	1.0	1.0	T			T											
	SN ON GND														1	2	3	3	2	2	2	2	1	1	T							
Belcourt Indian Res.	SNOWFALL	T									T								T			T	T	1.0		T	T	T				
	SN ON GND	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5			
Belfield	SNOWFALL					–	T	T	T	T	T			0.2	T	3.8	–			T	T	T		T		T			T			
	SN ON GND													T	T	4	4	3	3	3	3	3	2	2	1							
Beulah	SNOWFALL	1.0						0.3		1.8																						
	SN ON GND	1	T					T	T	2	2	1	1	1	1	1	T	T														
Bisbee	SNOWFALL	1.0									T													T			T					
	SN ON GND	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1			
Bismarck WB City	SNOWFALL	0.2	T					T	0.4	T	3.2	0.1			0.1			T	T									T				
	SN ON GND	1	1	1	1	T	T	T	1	1	4	3	3	2	2	2	2	2	1	1	1	1	1	T	T	T	T	T	T			
Bismarck WB Airport	SNOWFALL	0.2	T					T	0.7	1.3	2.0	T		0.2	0.2			T	T	T				T	T		T	T	T			
	SN ON GND	3	3	2	1	T	T	T	1	1	3	4	3	2	2	2	2	2	1	1	1	1	1	1	T	T	T	T	T			
	WTR EQUIV	0.2	0.1	0.1							0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2														
Bottineau	SNOWFALL		0.5				T		T	T	0.3				T									T	1.0	0.3	0.3	T				
	SN ON GND	8	8	8	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4			
Bowbells	SNOWFALL				2.0				0.5	T								T	T					1.0	0.5			T				
	SN ON GND	5	5	5	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3			
Carson No. 2	SNOWFALL	0.3	T	T					T	T	0.8	0.3					T				T											
	SN ON GND	T	T	T					T	T	1	1	1	1	1	1	1	1	T	T	T	T	T									
Center	SNOWFALL	0.4							0.5		1.5				0.5																	
	SN ON GND	T	T						1	1	1	1	1	1	2	2	2	1	1	1	1	1										
Crosby	SNOWFALL								T	T				T	T									2.0								
	SN ON GND	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	2	1	1	1			
Devils Lake WB City	SNOWFALL	0.3	T			T	0.3	T			1.8	T		0.2	T			T	T	T		T		0.4	T	T	0.8	T				
	SN ON GND	3	3	3	3	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	T	T	T	T	1	T			
Dickinson CAA AP	SNOWFALL	0.1						0.1	T	T	0.5			T	0.1	1.3	0.2	T		0.1	T			T	T				T			
	SN ON GND	1	T	T					T	T	1	1	T	T	T	T	2	2	1	1	1	1	1	T	T	T	T	T	T			
Dickinson Exp. Sta.	SNOWFALL	0.5			T				T	T	0.4				T	0.6	0.6	T			T											
	SN ON GND	1							T	T	1	T	T		T	1	2	2	T	T	T	T	T	T	T	T						
Dunn Center	SNOWFALL	0.8	T	–					0.3		1.2				T			T			T											
	SN ON GND	1	1	1	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T					
Edmore 1 W	SNOWFALL	T	0.4															T							T	T	T	T	T			
	SN ON GND	5	5	5	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T			
Ellendale	SNOWFALL		T		T					0.8	12.5																T	T				
	SN ON GND	6	6	5	3	2	2	2	2	2	15	15	15	14	14	14	14	14	14	13	13	12	12	11	10	8	6	4	3			
Fargo WB Airport	SNOWFALL	0.4	0.2		0.1	T	T	T	T	0.4	3.1			T	0.1	T	T	0.3	T	T	T	T	0.8	T	T		1.0	T	T			
	SN ON GND	4	4	4	3	1	1	1	1	1	2	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1	T			
	WTR EQUIV	0.5	0.5	0.5	0.5						0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4						
Fort Yates	SNOWFALL							T		0.5	3.5				1.3			T		T					T							
	SN ON GND							T		1	4	4	3	3	4	4	4	4	4	3	3	3	2	1	1							
Foxholm 7 N	SNOWFALL	T							–		–																					
	SN ON GND	5	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Fullerton	SNOWFALL	T				T		T	T	T	10.5	T								T	T							0.2				
	SN ON GND	2	2	1	T	T	T	T	T	T	10	10	10	10	10	10	10	10	10	10	9	9	7	3	3	3	T	T	T			
Garrison	SNOWFALL								1.5	T	0.9	T			T	T		T			T				T	T		T				
	SN ON GND	2	2	2	1	1	T	T	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1							
Grafton State School	SNOWFALL	0.6									T				T			T					T	0.1			0.1	0.3				
	SN ON GND	6	6	6	6	5	5	4	4	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1				
Grand Forks CAA AP	SNOWFALL	1.2	T				T	T			0.7			T	T	T		0.4	T			0.9	T	T			0.4	T	T			
	SN ON GND	3	4	4	3	2	2	2	2	2	2	3	2	2	2	1	1	1	2	2	1	1	2	2	1	1	T	T	T			
Grand Forks University	SNOWFALL	1.0	T		0.4			T			1.0			T	T			0.3	T			1.3	T	T	T		0.7	T				
	SN ON GND	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Granville	SNOWFALL								0.5		T							T		T				T		T		0.5				
	SN ON GND	5	5	5	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	1	2	2			
Bansboro	SNOWFALL	0.2			0.2		T	T							T			T						T		T		T				
	SN ON GND	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1			
Bettinger	SNOWFALL									2.0	–					3.0	2.0			T												
	SN ON GND									2	2	2	2	1	1	4	6	6	6	6	6	6	4	3	–	2	2	2	2			
Jamestown CAA AP	SNOWFALL	T	T			T	T	T	T	1.9	5.0				T	T		T		T				T	T		T	T	T			
	SN ON GND	1	1	1	T	T					3	5	4	4	3	3	3	3	3	2	2	2	2	1	T	T	T	T	T			
Kensal Wildlife Refuge	SNOWFALL	T									3.0																					
	SN ON GND	1	1								3	3	2	2	2	2	1	1	1	1	1											
Killdeer 8 NW	SNOWFALL													T	T	T																
	SN ON GND													T	T	T	T	T	T	T	T	T										
Mandam Exp. Sta.	SNOWFALL	0.3	T						0.4	T	3.0	T			0.2			T	T	T									T			
	SN ON GND	1	1	1	T	T	T	T	T	T	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	T	T	T			
Mayville	SNOWFALL	0.4	T	0	0.1		T	T	T		1.2				T	T		0.7					T	T			T	T				
	SN ON GND	5	5	4	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	1	T	T	T	T	T	T			

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
McClusky	SNOWFALL								T		2.5							T										T				
	SN ON GND	2	2	2	1	1	1	1	1	1	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1					
McHenry 5 N	SNOWFALL		T					T			1.4							T		T					T		T	0.4				
	SN ON GND	2	2	2	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	T	T				T				
Medora 4 NNE	SNOWFALL					T		T		T				T	T	2.0	2.5				T								T			
	SN ON GND	–	–	–	–	T		T		T				T	T	2	4	3	2	2	2	2	T	T	T	T			T			
Minot CAA AP	SNOWFALL	0.2	T					T	0.4	0.2	0.8			0.1	0.1			T	T	T				0.3	T	0.1	T	0.1				
	SN ON GND	4	4	4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1			
Minot Exp. Farm	SNOWFALL				0.2			T	0.5		1.0				T			T						T		T		T				
	SN ON GND	8	8	7	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	3	3	3			
Mohall	SNOWFALL	T							0.5		0.6							0.1						1.0				T				
	SN ON GND	7	–	–	4	2	2	2	2	2	3	3	3	3	3	3	3	3	–	–	–	–	2	3	3	3	1	1	1			
Montpelier	SNOWFALL				T			T	T		4.4							T		T							T	0.1				
	SN ON GND	2	2	1	T	T	T	T	T	T	4	4	3	3	3	3	3	3	3	3	3	3	2	1	1	1	T	T	T			
Mott	SNOWFALL								T	1.0	1.0			T	T	1.5	0.5			T					T							
	SN ON GND								T	1	2	2	2	1	1	2	3	2	2	2	2	2	1									
Munich 4 SW	SNOWFALL	0.5					T											T	T				T	T		T	T	T				
	SN ON GND	8	8	7	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	1	T	T			
Napoleon 1 SE	SNOWFALL	0.1			T				T	T	3.0				T													T				
	SN ON GND	1	1	1	T	T	T	T	T	T	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	1	T	T	T			
Oakes	SNOWFALL	0.5			T				T	T	8.0	1.0				T				T			T					T				
	SN ON GND	4	4	4	4	3	3	3	3	3	10	11	11	11	10	10	10	10	10	10	10	10	10	6	4	3	2	–	–			
Parshall	SNOWFALL	0.1							1.0		0.5			T				T						T								
	SN ON GND	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2			
Petersburg	SNOWFALL	0.3			1.2																						2.1					
	SN ON GND	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3			
Pettibone	SNOWFALL		T						T		2.0																	0.1				
	SN ON GND	1	1	1							2	2	2	2	2	1	1	1	1	1	1	1										
Pretty Rock	SNOWFALL							2.0	T	1.0				1.0	1.0	0.5	1.0		T													
	SN ON GND	1	1					2	2	3	2	1	1	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1				
Richardton Abbey	SNOWFALL	T				T			0.5	T	0.8			T	0.3	0.3	T	T		T	T				T			T				
	SN ON GND	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T			
Riverdale	SNOWFALL	0.1	T				T		0.8	T	1.0	T			T			T		T	T							T				
	SN ON GND	1	1	1	T	T	T	T	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	T	T	T	T	T			
Rolla	SNOWFALL	0.7						T						T	T			T					T	1.0			0.7	T				
	SN ON GND	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	–	4	3	3			
San Haven	SNOWFALL	0.1			T						0.3				T								T	0.7		0.4	0.5					
	SN ON GND	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5			
Sharon	SNOWFALL		0.2				T				2.0							0.3									T					
	SN ON GND	1	1	1	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	T	T	T			
Stanley	SNOWFALL				1.5				1.0						T			T						T								
	SN ON GND	4	4	4	8	5	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	3	3	3	3	3	2	2	2			
Upham 3 N	SNOWFALL	T							0.2		T							T					T	1.0			T					
	SN ON GND	8	–	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	–	–	–	–	–	–	–	–	7	7	7			
Valley City	SNOWFALL						0.1				4.5				T			0.1				T					0.5	T	T			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Wahpeton State School	SNOWFALL	T					T	T			10.0							T			0.7						1.0					
	SN ON GND	8	8	7	6	6	5	5	5	5	14	13	13	13	13	13	13	13	13	13	13	13	12	12	10	8	6	4	3			
Westhope	SNOWFALL	T									T							0.5						2.0								
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	4	–	–	–	–	2			
Williston WB City	SNOWFALL	T						1.7	T	T				T	T			T	T	T	0.2			0.2	T	0.4						
	SN ON GND	5	5	5	5	1	1	1	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T			
	WTR EQUIV	0.7	0.7	0.7	0.6				0.4	0.4	0.4	0.4	–																			
Willow City	SNOWFALL	0.5							0.5		0.5							T						1.0			–					
	SN ON GND	5	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	2			

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer * to tables
ADAMS	[illegible]	WALSH	10	48 2	98 06	–		6P	MYRON J. BATA	3
ALEXANDER	16	MC KENZIE	13	47 50	103 38	[illegible]		6P	ARTHUR J. BAUMAN	3
ALMONT [illegible] SW	36	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	89	DIVIDE	12	48 58	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0219	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	[illegible]	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	[illegible]	MC INTOSH	8	46 02	99 22	2025	S		SOO LINE AGENT	2 3 5 7
BALDHILL DAM	045[illegible]	BARNES	11	47 02	98 02	1300	8A	8A	CLOSED - - - - -	10-3-52
BALTA	[illegible]	PIERCE	11	48 10	100 02	15 0		4P	ROYCE E. PAULSON	3
BANTRY	[illegible]16	MC HENRY	12	48 30	100 36	–		6P	TEMPLE K. ROBERTS	3
BEACH	[illegible]90	GOLDEN VALLEY		46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES.	626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGH	8	46 48	100 48	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 5	100 2	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 SE	0966	WARD	12	48 47	102 08	19 5	8A	8A	CLOSED - - - - -	10/1/52
BOWMAN COURT HOUSE	95	BOWMAN	3	46 11	103 2	287	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	998	BOWMAN		46 04	103 19	–		6P	BERNARD L. DOMAGALA	3
BOWMAN 3[illegible] NNW	[illegible]	SLOPE	3	46 35	103 31	–		5P	ROBERT L. HANSON	3
BREIEN	[illegible]	MORTON	1	46 24	100 57	172		MID	FRANK E. POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	157		MID	W. H. HENDRICKSON	3
BURT [illegible]	1216	HETTINGER	1	46 36	102 08	–		6P	JACOB GRIEBELE	3
BUTTE	1225	MC LEAN	2	47 50	100 40	188	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	–		MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2[illegible]		MID	VINCENT MUGGLI	3
CARSON NO. 2	137	GRANT	4	46 25	101 34	331	7A	7A	ALEXANDER P. MADISON	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2 0	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1 80		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	2	48 54	102 47	1930		6P	J. D. SUNDEL	3
COOPERSTOWN	1766	GRIGG	1	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	18[illegible]6	STUTSMAN	5	47 13	98 34	1523		5	[illegible] H. HANAWALT	3
CROSBY	18 1	DIVIDE	12	48 54	103 18	1954	6P	6	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	1[illegible]	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	[illegible]2	STARK	4	46 48	102 48	[illegible]	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2258	STARK	4	46 53	102 48	246	7A	7A	DICKINSON EXP STA	2 3 5 6 7
DONNYBROOK	242	WARD	12	48 31	101	17		6P	FRED E. FELDNER	3
DRAKE	[illegible]	MC HENRY	[illegible]	47 55	100 22	1634	8A	8A	E. J. [illegible]EVAN	2 3 5
DUNN CENTER	[illegible]5	DUNN	[illegible]	4 21	102 3	2191	6A	6A	CHARLES C. NEUSTIEL	2 3 5 7
ECKMAN	2 2	BOTTINEAU	12	48 39	101 03	150	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	[illegible]	LA MOURE	5	46	98 42	1568	8A	8A	N D AGRI. EXP STA.	2 3 5 [illegible]
EDMORE [illegible]	[illegible]	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	[illegible]	MC LEAN	8	4 25	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN	[illegible]	GRANT	[illegible]	46 21	101 49	–		6P	ART A. ESLINGER	3
ELLENDALE	[illegible]	DICKEY	5	[illegible]	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	[illegible]	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	1	48 2	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	4[illegible]	103 3	2750		6P	JOHN PETRYZAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	4 39	99 37	162	6P	6P	EMIL E. RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	–		6P	THEODORE A. WIRCH	3
FORMAN	3117	SARGENT	11	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	SOIL CONSERVATIONIS	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	7A	7A	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 0	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY [illegible] S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	–		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	36 1	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	10P	10P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	–		MID	[illegible]. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 [illegible]0	102 22	2550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	–		6P	D. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
KEENE 2	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N. DAK SOLDIERS HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	–		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	–		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANF	2 3 5
MARMARTH M D U CO	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	[illegible] A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	E. G. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	L. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	[illegible] H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	–		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	–		6P	ROLF MANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD ELDNER	[illegible]
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	195	7P	7P	GLADYS J. PETERSON	[illegible]
NEW ENGLAND	6315	HETTINGER		46 33	102 2	262	6P	6P	ANTON [illegible]LINGER	[illegible]
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM [illegible]	3
NOONAN	6455	DIVIDE	12	48 53	103 01	196		6P	GEORGE KOSTEK	[illegible]
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	[illegible]
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	–		6P	HENRY L. ERICKSON	[illegible]
OAKES	6620	DICKEY	5	46 08	98 05	132	8A	8A	MRS. CLARE E. MURRAY	2 [illegible]
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARION EVERSON	2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. HUBERT	[illegible]
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	[illegible] CUSTOMS & IMMIG.	[illegible] 5
PETERSBURG	7027	NELSON	10	48 01	98	1524	5P	5P	REV. ODEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	[illegible] 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	1[illegible]7		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 0	102 33	954	9A	9A	[illegible] CUSTOMS SERVICE	[illegible]
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	22 5	7P	7P	HERBERT J. CLARK	[illegible] 5
PRETTY ROCK	7311	GRANT	1	46 11	10 51	–		6P	FREDA LEER	[illegible]
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CULLEN	[illegible]
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	[illegible]
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	[illegible]
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	[illegible] 3
ROLLA	7664	ROLETTE	9	48 52	99 37	1819	7P	7P	THEO B. FAGERLUND	[illegible]
RUGBY	7704	PIERCE	12	48 22	100 0	560	6P	6P	FRANK HORNSTEIN	[illegible]
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	[illegible]
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	20 1	6P	6P	N.DAK. STATE HOSP.	2 3
# SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - - -	[illegible]
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	[illegible]
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	[illegible]
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		7P	G. E. BURY	[illegible]
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	–		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 [illegible]
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 [illegible]
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	THEOD [illegible]OCKERT	2 3 [illegible]
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 [illegible]
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	6P	6P	CLOSED - - - - - -	8/16/52
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	–		6P	VIRGIL B. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	–		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 1	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 7	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	–		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2100		6P	OLA SEVERTSEN	3
NEW STATIONS										
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	ERWIN A. VENTSCH	2 3 5
WATFORD CITY 14 S	9246	MC KENZIE	7	47 36	103 17	–	5P	5P	THEO. ROOSEVELT NMP	2 3 5

WATFORD CITY 14 S RECORD IS A [illegible]

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD

DRAINAGE CODE: 1 CANNONBALL 2 DEVILS LAKE 3 GRAND 4. HEART 5. JAMES 6 KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9 PEMBINA 10. RED 11 SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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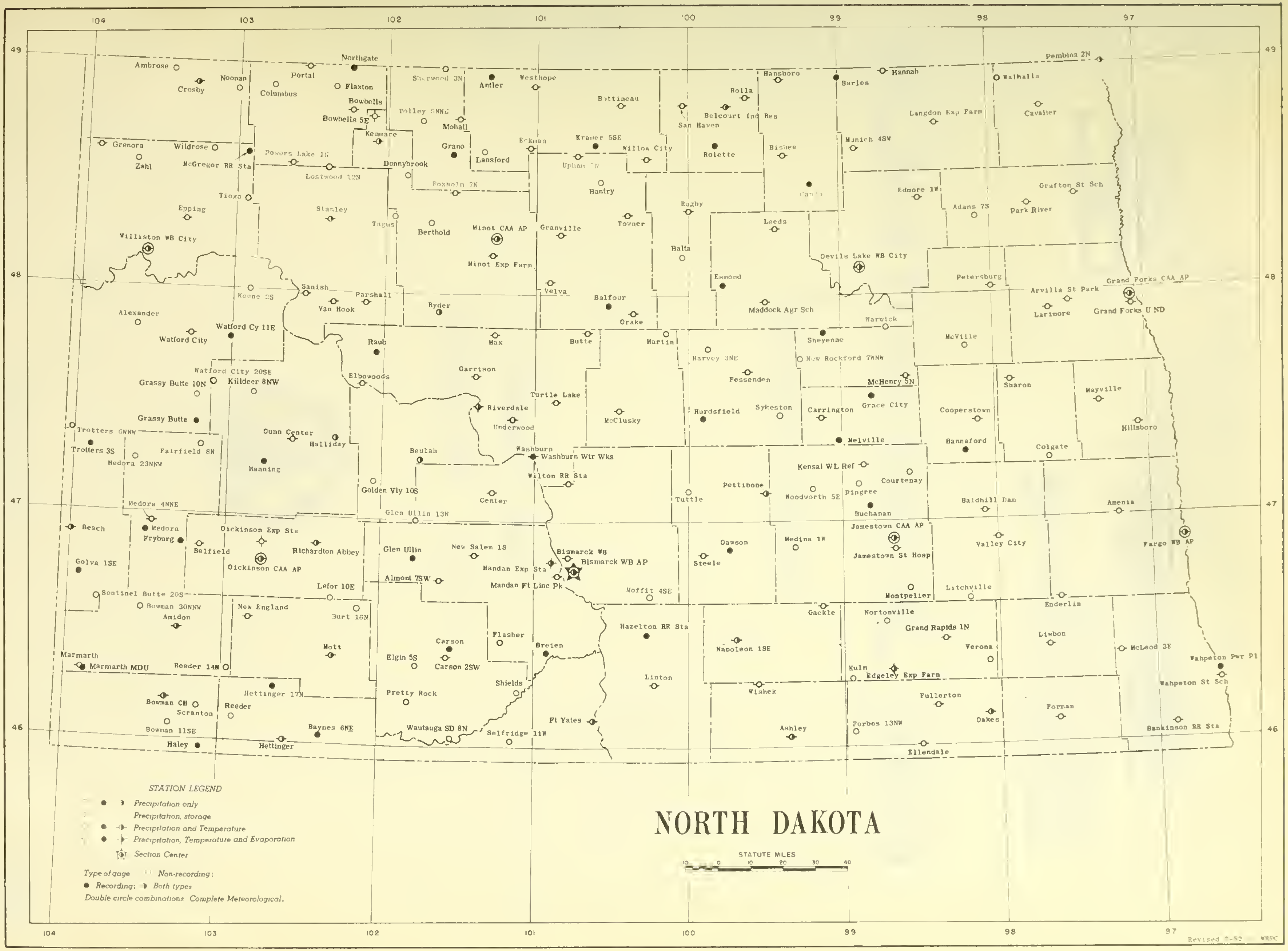
WRPC, KANSAS CITY, MO., -- 4-20-53 -- 975

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

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MARCH 1953
Volume LXII No. 3

KANSAS CITY: 1953

~~NAT. HIST.~~

NORTH DAKOTA - MARCH 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The month of March was characterized by continued warm weather. Precipitation was above normal in most sections of the middle and western divisions but dry weather continued over the eastern division.

The mean temperature for the state was 26.2 degrees which is 1.5 degrees above normal. The eastern division averaged 26.7 degrees which is 2.6 degrees above normal; the middle division averaged 24.6 degress which is 0.3 degrees above normal, and the western division averaged 27.5 degrees which is 1.7 degrees above normal. Most stations reported maximum temperature readings from the 28th to 30th with Mandan and Marmarth having a top reading of 67 degrees on the 29th. A number of stations in the east portion, however, recorded highest readings from the 17th to the 20th of the month. The lowest temperatures were recorded on the 6th at almost all stations. Medora with 27 degrees below zero was the coldest station. Marmarth recorded highest mean temperature with 31.8 degrees and Bottineau recorded lowest mean temperature with 19.2 degrees.

Precipitation over the state averaged 0.95 inch which is 0.17 inch above normal. The eastern division averaged 0.45 inch which is 0.37 inch below normal; the middle division averaged 1.36 inches which is 0.58 inch above normal, and the western division averaged 1.05 inches which is 0.30 inch above normal. An unusual feature this month was the distribution of the precipitation. All but two stations in the eastern division averaged below normal and many stations recorded less than half of their normal precipitation. On the other hand almost all stations in the middle and western divisions reported above normal and many stations recorded more than twice their normal precipitation for the month. The greatest monthly precipitation reported was 2.56 inches at Selfridge 11 W, and the least was 0.05 inch recorded at Colgate. Selfridge also reported greatest amount of snow with 26.0 inches and Colgate reported the least with 0.5 inch.

Soil moisture improved somewhat over much of the middle and western divisions of the state during the month due to relatively abundant precipitation. However, conditions were still generally dry at the end of the month due to the unusually long dry period that had prevailed since early last fall. The eastern division continued to be in a serious drouth condition with considerable soil blowing reported. Crop prospects are not very promising unless considerable spring moisture is received. Livestock continued in good condition with yard-feeding required in most cases.

Minor damage resulted from high winds on the 18th and 22nd in the western portion of the state. Gusts to 65 mph were noted at Bismarck and Dickinson on the 18th. Sleet and freezing rain on the night of the 11th and morning of the 12th also caused some minor damage in the northeastern part of the state. Some long-distance telephone circuits were out of service a short while.

All of the rivers in the state remained quiet during the month and generally showed only slight rises at the close of the month. No floods appeared likely during the spring break-up.
--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	ESE	13	12.9	56	W	18	84	85	70	71	2	9	3	1	0	0	15	47	7.0
DEVILS LAKE WB CITY	-	-	9.9	27	NW	18	-	-	-	-	10	6	3	0	0	0	19	57	7.2
FARGO WB AIRPORT	SE	10	14.1	42	SW	22	81	81	69	73	11	5	2	0	0	0	18	49	7.0
WILLISTON WB CITY	-	-	8.6	43	W	18	77	79	64	66	10	6	3	0	0	0	19	56	7.6

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1882	24.2	66	-35	0.83	1.9	4
1883	13.8	68	-35	0.85	10.0	5
1894	24.8	68	-22	1.45	10.1	5
1885	23.2	75	-35	0.17	1.0	2
1896	15.7	70	-35	1.13	8.0	8
1897	11.9	58	-48	1.36	8.0	7
1898	21.3	79	-24	0.78	8.7	5
1898	7.5	72	-30	0.96	10.0	5
1900	20.3	77	-24	1.01	8.5	5
1801	25.3	85	-32	0.86	5.2	5
1902	27.4	85	-25	2.73	11.7	8
1803	22.1	80	-24	0.55	5.1	3
1904	18.2	64	-26	1.41	11.5	5
1905	32.5	81	-25	0.75	2.3	4
1906	18.5	67	-34	0.38	3.1	3
1907	23.1	83	-20	0.72	5.1	4
1908	21.1	68	-31	1.21	12.1	8
1909	24.0	61	-24	0.33	2.7	4
1810	41.3	90	- 7	0.94	0.3	3
1811	30.6	78	-18	0.23	1.6	2
1812	15.4	85	-28	0.37	3.8	3
1913	17.2	70	-31	0.85	8.2	6
1914	25.5	78	-20	0.88	8.2	5
1815	22.8	83	-23	0.22	2.0	2
1818	20.3	89	-45	1.42	13.5	8
1817	22.2	67	-39	0.38	3.9	3
1818	35.0	82	-15	0.40	2.8	2
1918	17.8	67	-35	0.78	6.2	4
1920	22.4	67	-32	0.83	7.1	4
1821	25.2	75	-22	0.87	9.1	6
1922	25.8	60	-30	0.71	6.4	4
1823	18.3	85	-35	0.38	4.8	4
1824	22.5	58	-20	0.48	4.4	4
1925	27.4	75	-26	0.88	6.0	4
1826	25.8	83	-23	0.24	1.8	3
1827	30.4	77	-10	0.72	6.5	5
1828	28.1	85	-17	0.52	4.8	3
1829	30.5	77	-15	0.78	5.3	5
1830	28.1	62	-17	0.09	0.8	1
1931	25.7	63	-24	0.94	4.8	5
1832	18.8	64	-30	0.64	6.0	6
1833	28.5	70	-14	0.45	3.7	3
1834	26.3	74	-12	0.48	3.6	4
1935	26.3	75	-37	1.26	7.0	5
1836	25.4	61	-27	0.81	8.1	6
1837	24.8	72	-20	0.38	4.3	3
1838	33.1	72	-14	0.59	2.5	4
1838	23.3	81	-28	0.39	5.3	3
1840	23.1	84	-26	0.87	8.1	7
1941	24.5	88	-25	0.58	6.8	5
1942	30.0	68	- 8	1.83	12.8	9
1843	17.0	77	-30	1.23	14.8	7
1844	16.7	53	-25	0.81	10.2	8
1845	33.3	77	-27	1.34	2.4	8
1846	34.8	88	-22	0.88	2.8	5
1947	22.3	68	-23	0.34	4.1	6
1948	17.6	84	-40	0.45	5.4	5
1949	21.8	55	-22	0.60	5.7	5
1950	18.2	58	-31	1.38	12.9	7
1951	12.5	59	-38	0.57	8.4	6
1952	18.1	57	-31	0.48	5.8	8
1953	26.2	67	-27	0.95	7.4	7

AVERAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
MARCH 1953

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		38.8	18.7	28.8	4.1	56	17+	- 5	6	1117	0	9	29	3	.38	- .38	.30	15	4.0	1	2	3	0	0
ARVILLA STATE PARK		37.4	15.7	26.6		55	27+	- 9	1+	1186	0	9	30	5	.38		.16	12				5	0	0
CARRINGTON		33.9	10.6	22.3	- 1.4	57	21	-16	7		0	13	31	7	.27	- .42	.15	12	2.5			3	0	0
CAVALIER		34.6	16.2	25.4	4.4	54	30	-11	6+	1221	0	12	29	4	.44	- .32	.10	22		3	3+	7	0	0
COOPERSTOWN		36.6	15.8	26.2	1.9	55	20	-12	6	1194	0	10	30	5	.15	- .56	.15	2				1	0	0
DEVILS LAKE WB CITY	R.	34.4	14.8	24.6	2.0	57	20	-14	6	1246	0	13	30	5	.60	- .13	.20	14	6.3	3	3	9	0	0
EDGELEY EXP FARM		34.9	18.2	26.6	- .7	61	21	- 4	6		0	13	31	1	.78	- .05	.58	14		1	1+	3	1	0
EDMORE 1 W		36.3	13.9	25.1	4.0	59	20	-18	6	1232	0	12	29	7	.26	- .43	.15	14				4	0	0
ELLENDALE		39.3	20.5	29.9	2.7	63	20	- 3	6	1084	0	8	31	1	1.11	.16	.76	14	3.5	6	7	7	1	0
ENDERLIN		37.0	17.2	27.1		56	18+	- 3	6		0	12	28	2	.18		.18	15	1.0	1	15	1	0	0
FARGO WB AP	R //	37.1	18.9	28.0	2.7	53	17+	- 6	6	1139	0	9	29	3	.46	- .43	.17	14	4.6	2	14+	7	0	0
FORMAN		39.4	20.2	29.8	3.8	61	17	0	6	1084	0	9	30	1	.25	- .55	.25	15	2.0			1	0	0
FULLERTON		38.6	20.1	29.4	2.3	64	20	- 2	6	1094	0	8	29	1	.53	- .53	.22	2	4.7	3	7	6	0	0
GACKLE		36.3	16.8	26.6M	1.3	57	29	-11	6	1179	0	13	29	5	.83	- .02	.83	14				1	1	0
GRAFTON STATE SCHOOL		35.0	13.7	24.4	2.7	55	30	-15	6	1252	0	11	31	4	.48	- .22			3.5	2	3+	7	0	0
GRAND FORKS CAA AP		35.3	17.5	26.4	3.9	53	20+	-11	6	1189	0	12	28	4	.44	- .34	.16	14	3.5	3	15	9	0	0
GRAND FORKS UNIV		36.0	19.2	27.6M	5.1	53	20+	-10	6	1149	0		25	4	.37	- .41	.16	15		2	3+	8	0	0
GRAND RAPIDS 1 N		38.8	19.0	28.9		61	20	- 4	6	1112	0	8	30	3	.56		.35	14	1.5	2	7+	3	0	0
HANKINSON R R STA		37.0	19.2	28.1M	- .5	58	18				0	12	28	3	.59	- .23	.35	15	3.5			2	0	0
HANNAH		32.7	12.7	22.7M	3.5	52	28	-19	6	1309	0	13	31		.55	- .17	.29	14	2.5	4	3+	8	0	0
HILLSBORO		38.0	18.2	28.1	2.8	54	20	- 8	6	1136	0	8	30	4	.16	- .60	.06	2	2.5	2	2	5	0	0
JAMESTOWN CAA AP		36.8	17.8	27.3	2.9	58	20+	- 7	6	1161	0	10	30	2	.49	- .41	.14	2	3.8	2	3	9	0	0
JAMESTOWN STATE HOSP		36.9	18.9	27.9	3.5	58	20	- 6	6	1142	0	12	29	2	.65	- .25	.40	14				5	0	0
KENSAL WILDLIFE REF		38.4	14.2	26.3M		58	20	-12	6	1193	0		31	5	.40							4	0	0
LANGDON EXP FARM		34.1	12.3	23.2	3.4	56	30	-20	6	1288	0	12	31	6	.53	- .25	.34	14	2.2	4	3+	9	0	0
LARIMORE		36.1	18.3	27.2	4.5	53	20+	-11	6	1162	0	9	29	4	.33	- .48	.10	15	3.0			6	0	0
LISBON		37.1	17.8	27.5M	.2			- 6	7	1164	0		30	3	.25	- .48	.25	15	2.5			1	0	0
MAYVILLE		36.3	18.9	27.6	2.9	54	27	- 9	6	1151	0	10	27	3	.29	- .40	.10	2	2.0	2	2+	8	0	0
MC HENRY 5 N		35.9	13.6	24.8	1.8	56	20	-19	6	1241	0	11	30	6	.16	- .53	.04	12	1.1	1	2+	6	0	0
MC LEOD 3 E		41.2	19.4	30.3M	2.5	61	17	- 5	6	1076	0	8	28	2										
MUNICH 4 SW		31.1	12.0	21.6		50	20+	-20	6	1339	0	16	31	7	.62		.39	14		2	3+	9	0	0
OAKES		36.9	17.3	27.1	- .6	63	21	- 1	3+		0	11	31	4	.48	- .32	.12	15		3	7	7	0	0
PARK RIVER		36.3	16.8	26.6	3.8	54	27+	-13	6	1184	0	10	29	4	.49	- .17	.20	12				6	0	0
PEMBINA 2 N		35.3	14.1	24.7	6.3	54	21+	-20	1	1240	0	12	29	5	.56	- .24	.29	21		3	3+	7	0	0
PETERSBURG		34.6	14.0	24.3		55	20	-20	1	1255	0	13	29	5	.35	- .38	.15	14	4.4	4	2+	4	0	0
SHARON		35.2	16.0	25.6	1.4	55	27	-12	6	1215	0	11	30	5	.23	- .39	.10	13	3.0	2	3+	5	0	0
VALLEY CITY		39.1	18.5	28.8	2.5	55	20+	- 6	6	1115	0	8	29	3	.20	- .59	.10	2	1.8			5	0	0
WAHPETON STATE SCHOOL		39.8	21.2	30.5	2.9	56	27	- 4	6	1060	0	8	26	3	.86	.14	.23	22		6	3	9	0	0
DIVISION				26.7	2.6										.45	- .37			3.0					
MIDDLE DIVISION																								
ASHLEY		37.2	16.6	26.9	2.0	59	29	-10	6	1172	0	12	29	5	1.26	.43	.98	14	3.5	5	7	3	1	0
BELCOURT INDIAN RES		30.7	9.5	20.1		48	28+	-25	6	1383	0	16	30	8	1.01		.62	14		11	14+	9	1	0
BISBEE		32.8	12.9	22.9	.4	51	28	-18	6	1298	0	13	30	6	1.05	.34	.75	14	7.5	5	14+	3	1	0
BISMARCK WB CITY	R	37.1	17.4	27.3	2.1	64	30	-13	6		0	11	29	2	1.78	.91	.63	21	14.6	7	7+	13	1	0
BISMARCK WB AP		36.9	15.9	26.4	- .5	65	29	-16	6	1189	0	11	30	5	1.77	1.01	.79	21	17.5	7	7	13	1	0
BOTTINEAU		28.6	9.8	19.2	-1.6	49	31	-23	6		0	19	30	8	.95	.28	.23	15	10.0	8	3+	12	0	0
BUTTE		32.2	13.1	22.7	-3.7	60	30	-16	7		0	16	31	4	1.33	.51	.36	3	12.5	5	3+	8	0	0
CARSON NO. 2		36.4	16.8	26.6	- .4	61	30	-17	6		0	11	31	2	2.00	1.14	1.00	21	11.0	6	7+	7	1	1
CENTER		38.4	16.6	27.5M	1.0	62	29			1165	0	10	31	4	2.39	1.66	1.20	21		6	7+	7	2	1
DRAKE		32.9	12.5	22.7	-2.0	58	30	-19	6		0	15	31	6	1.32	.62	.69	15	7.8	6	15+	5	1	0
ECKMAN		31.0	9.4	20.2	-2.8	54	29	-24	6+		0	17	31	6	1.30	.74	.40	22	10.5	7	3+	7	0	0
FESSENDEN		36.7	14.2	25.5	1.8	57	29	-17	6	1221	0	12	30	5	.87	.12	.73	14		3	14+	6	1	0
FORT YATES		40.9	18.4	29.7	2.5	65	29	-11	6	1086	0	9	29	2	.90	.09	.37	14	10,8	6	7	6	0	0
FOXHOLM 7 N		37.9	14.1	26.0M	.6	57	28+	-21	6	1207	0	12	30	5	.89	.17	.68	21	2.0			3	1	0
GARRISON		34.6	12.5	23.6M	- .8	58	30	-17	6		0	15	31	5	.96	.17	.40	20	9.6			8	0	0
GRANVILLE		37.0	15.2	26.1M	1.6	58	28+	-18	6	1199	0	13	30	4	1.24	.70	.46	21	13.5	8	14+	5	0	0
HANSBORO		31.0	13.1	22.1	1.4	52	28	-15	6	1322	0	15	30	5	.47	- .41	.32	14	6.0	5	14+	6	0	0
LEEDS		34.1	13.8	24.0		56	28	-18	6	1266	0	13	30	7	1.30		.90	14		7	14+	8	1	0
LINTON		39.3	18.1	28.7	.7	63	29	-13	6	1117	0	9	28	3	1,81	1.03	.92	14	14.5,	10	7	9	1	0
MADDOCK AGR SCHOOL		35.7	14.1	24.9	.6	54	20+	-19	6	1234	0	12	29	6	1.41	.77	.89	14				7	1	0
MANDAN EXP STA		35.0	16.2	25.6	-1.2	65	30	-13	6		0	12	30	2	2.02	1.18	.65	21	17.1	8	15+	13	2	0
MANDAN FT LINCOLN PARK		39.7	16.8	28.3M		67	29	-14	6	1123	0	8	30	3	1.92		.74	21	14.2	7	14	7	2	0
MAX		33.4	12.1	22.8M	-1.7	58	30	-20	7		0	16	31	7	2.09	1.35	.80	21				10	1	0
MC CLUSKY		33.7	15.0	24.4M	-1.8	50	30+	-17	6	1246	0	13	31	5	1.40	.62	.50	14	9.5	5	14+	8	1	0
MINOT CAA AP		33.8	15.9	24.9	1.3	55	28+	-19	6	1238	0	13	29	4	1.72	1.11	.85	21	11.3	6	3+	12	2	0
MINOT EXP FARM		35.7	15.0	25.4		56	28+	-21	6	1222	0	13	30	5	.88		.55	21	10.2	8	3+	8	1	0
MOHALL		34.8	14.2	24.5	3.0	57	31	-20	6	1247	0	12	30	6	1.19	.48	.73	21		3	2+	8	1	0
NAPOLEON 1 SE		36.0	15.5	25.8	2.5	58	29	-12	6	1207	0	11	29	5	1.54	.67	1.22	14	5.6	3	7+	7	1	1
NEW SALEM 1 S		37.5	16.4	27.0	.8	62	29	-13	6	1173	0	9	30	3	1.68	.98	.65	21	13.7			10	1	0
PETTIBONE		36.0	15.1	25.6	1.2	57	20+	-13	6+	1216	0	13	29	5	1.03	.40	.83	14	6.5	3	3+	6	1	0
RIVERDALE		34.0	15.1	24.6		59	30	-14	6		0	14	30	3	1.09		.42	21	11.2	4	2+	9	0	0
ROLLA		31.3	13.5	22.4	1.2	50	28+	-16	6	1311	0	16	31	5	1.06	.16	.52	14		7	14+	11	1	0
RUGBY		34.1	14.4	24.3		54	29+	-19	6	1253	0	13	30	5	1.29	.60	.58	14				15	1	0
SAN HAVEN		31.7	14.0	22.9	2.4	49	28+	-17	6	1297	0	16	31	4	1.19	.57	.71	14		15	15+	10	1	0
STEELE		37.2	14.7	26.0	1.5	60	29	-10	6	1204	0	10	30	5	1.30	.58	.84	14	12.0	7	7	4	1	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
TOWNER	35.7	10.5	23.1M	.5	58	29	-20	6	1313	0	13		5	1.28	.50	.61	14	12.0	15	14+	5	1	0
TURTLE LAKE																							
UNDERWOOD	34.0	13.1	23.6	-5.3	60	30	-14	6+		0	15	31	5	1.87	1.13	.80	21		8	7+	10	1	0
UPHAM 3 N	35.3	10.8	23.1M		53	28+	-22	6	1304	0	13	30	7	1.30		.65	14	10.0	8	2+	7	1	0
VELVA	36.6	15.5	26.1	.8	59	29	-18	6	1198	0	13	30	4	1.29	.70	.57	21	13.0	7	7+	12	1	0
WASHBURN	39.3	15.8	27.6M	2.1	64	29	-15	6	1152	0	10		5	1.87	1.18	.75	21				7	2	0
WESTHOPE	31.8	13.4	22.6	.1	53	30	-22	6	1309	0	15	30	6	1.08	.49	.29	21		6	3	9	0	0
WILLOW CITY	33.0	9.8	21.4	1.3	52	30	-21	6	1346	0	14	30	10	1.08	.34	.59	14		9	14	7	1	0
WILTON R R STATION	32.6	13.6	23.1	-1.9	59	30	-12	6+		0	16	30	3	1.57	.80	.42	21	12.9	6	15+	11	0	0
WISHEK	36.4	15.3	25.9M	- .2			- 8	7	1208	0	10	31	4	1.13	.32	.92	14				4	1	0
DIVISION			24.6	.3										1.36	.58			10.7					
WESTERN DIVISION																							
ALMONT 7 SW	38.8	18.9	28.9		62	29	-13	6	1114	0	9	29	2	1.14		.68	21	9.0	5	7	7	1	0
AMIDON	38.7	18.7	28.7	.5	61	29	-15	6		0	11	29	3	1.14	.39	.30	21	9.1	7	7	12	0	0
BEACH	39.9	16.1	28.0	.4	64	29	-20	6		0	12	30	3	.72	- .03	.12	4	11.0	8	6+	10	0	0
BELFIELD	42.0	16.8	29.4M	1.9	63	28	-25	6	1097	0	8	30	3	1.84	1.03	.67	21		12	6	14	1	0
BOWBELLS	32.8	12.1	22.5M	1.0	54	29+	-20	6+		0	14	30	7	1.09	.52	.53	21		5	1+	8	1	0
BOWMAN COURT HOUSE	41.2	18.9	30.1	1.8	60	28+	-16	6	1079	0	8	30	2	1.18	.50	.60	1				7	1	0
CROSBY	36.1	15.0	25.6M	1.8	59	28	-18	6	1219	0	12	28	3	.72	.04	.25	11	5.1	4	13	9	0	0
DICKINSON CAA AP	38.7	16.9	27.8	2.3	61	28	-18	6	1148	0	10	30	5	1.28	.58	.32	1	9.8	8	7	12	0	0
DICKINSON EXP STA	39.0	15.7	27.4	1.9	62	29	-26	6		0	11	30	3	1.28	.58	.51	21	7.0	6	5+	11	1	0
DUNN CENTER	36.7	12.6	24.7M	-1.3	60	29+	-25	7		0	14		5	1.15	.40	.62	21	8.8	7	7+	7	1	0
ELBOWOODS	40.6	17.0	28.8M	2.6	62	28	-21	6	1153	0	10		4	.55	.02	.30	21	1.7	1	2+	4	0	0
EPPING	37.6	16.4	27.0M	.0	60	28+	-21	6	1167	0	12	31		.33	- .24	.08	11+				6	0	0
GRENORA	37.0	16.3	26.7	4.3	60	28	-19	6	1180	0	12	29	4	.21	- .47	.15	2	2.9	3	2+	3	0	0
HETTINGER	39.4	17.7	28.6	- .3	61	29	-16	6	1124	0	9	29	3	1.92	1.26	1.02	21	13.5	13	5+	7	1	1
KENMARE	33.4	12.1	22.8	- .4	55	30	-18	6+		0	15	31	6	1.09	.44	.55	21				8	1	0
LOSTWOOD 12 N	36.9	12.7	24.8M		54	28	-20	6	1176	0	13	30	7	.49		.36	21	2.5	2	2+	5	0	0
MARMARTH	43.8	19.7	31.8M	3.0	67	29	-20	6	1024	0	8	30	2	1.30	.57	.30	3	20.7			8	0	0
MEDORA 4 NNE	44.2	18.3	31.3		65	28	-27	6	1039	0	8	30	2	1.28		.31	1	13.1			8	0	0
MOTT	40.9	18.3	29.6M	2.0	60	17+	-22	6	1081	0	8	30		1.48	.62	1.12	21	9.5	8	5+	8	1	1
NEW ENGLAND	40.7	18.1	29.4	3.3	60	29	-20	6	1095	0	8	30	2	.98	.17	.42	21		7	5+	6	0	0
NEWTOWN	38.1	17.2	27.7	2.9	58	28	-15	6	1151	0	12	30	4	.85	.27	.44	21	6.1	4	3+	8	0	0
PARSHALL	37.6	15.9	26.8	1.5	57	28+	-22	6	1180	0	12	30	4	.94	.36	.46	21	4.0	5	2+	12	0	0
PORTAL	32.1	12.8	22.5	4.1	55	29	-19	6		0	15	31	8	.97	.36	.33	21	8.5	3	23+	7	0	0
POWERS LAKE 1 N	34.8	14.1	24.5M	-1.0	53	31	-20	6	1251	0	12	30	7	.69	- .01	.55	21	2.5			3	1	0
RICHARDTON ABBEY	40.3	18.6	29.5	2.3	60	10	-15	6	1097	0	8	29	2	1.77	1.05	.94	21	9.4	7	5+	10	1	0
STANLEY	34.6	12.8	23.7		55	28	-17	6	1274	0	12	31	7	.89	.25	.40	21		6	2+	4	0	0
WATFORD CITY	40.1	17.5	28.8	2.6	62	28	-17	6	1117	0	10	31	2	1.37	.68	.22	21	14.9			9	0	0
WATFORD CITY 14 S	43.1	18.5	30.8M		62	10	-21	6	1051	0	9	28	1	.93		.35	2	7.0	6	5+	6	0	0
WILLISTON WB CITY R //	37.9	18.3	28.1	1.6	61	28	-13	6	1137	0	13	26	4	.99	.24	.34	11	12.7	4	7+	9	0	0
DIVISION			27.5	1.7										1.05	.30			8.6					
STATE			26.2	1.5										.95	.17			7.4					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.29		.13	T	T		.01	T				T	T	.02	T							.08	T	.03	.02		T					
ALEXANDER	.73	.14	.16	T		.07	.10					.07	.09					T	.03			.03	T	.04								
ALMONT 7 SW	1.14	.17	.06			.06	T	.03					T	T	.12				T		T	.68	T	.02								
AMBROSE	.52		.22	T	T							.08	.10	.03				T	T			.07	.02		T							
AMENIA	.38		.07		T			T					T	.01		.30			T					T								
AMIDON R	1.14	.12	.15	.05	.10	.07	.06	.05					.03		.06							.30	T	.05	.10							
ARVILLA STATE PARK	.38		.04	T							T	T	.16	.07	.04	.07						T		T								
ASHLEY	1.26		.19					.09							.98				T													
BALTA	.90		.20	.10	T			T				T		T	.30	.30						T	T	T								
BANTRY	1.39		.06		T										1.00								.33									
BEACH R	.72	.09	.09		.12	.08	.06	.03					.03		T					T		.05	T	.11	.06		T					
BELCOURT INDIAN RES R	1.01		.07	T								T		.07	.62	.02			.04			.10	.04	.01			.04					
BELFIELD	1.84	.33	.20	.13	T	.09	.11					.07	.03	.03	.02			.03	.05		T	.67	.03	.05								
BERTHOLD	1.25	.03	.19	.02	.02							.02	.02		.03			.01	.01			.87		.03	T							
BEULAH R	1.17	.03	.19					.05							.05							.85										
BISBEE	1.05		.26											T	.75				T			.04	T	T						T		
BISMARCK WB CITY	1.78	.04	.34	.03		T	.02	.06					.03	T	.30	.22			.03			.63	.04	.01	.03							
BISMARCK WB AIRPORT R	1.77	.11	.17			.01	.06	.01				.02	.01	.01	.49	T			.04			.79	.01	.04	T							
BOTTINEAU	.95		.03	.05					.01				.03		.22	.23			.07			.10	.04	.06	.06		.05					
BOWBELLS	1.09	.20	.04	T	T								.07		.12				T			.53	.06	.05	.02		T					
BOWMAN COURT HOUSE	1.18	.60	.14	T	.15	.13	.04															.10	.02	T								
BOWMAN 11 SE	1.43	.63	.11	.08	.09	.10	.04	T							.03							.35										
BOWMAN 30 NNW	.75	*	.20		.10	*	.26					T	T									.16	T	.03								
BURT 16 N	1.60		.58			.10		.16				T		.01								.75										
BUTTE	1.33		.10	.36				.01					T		.30	.20			T			.10	.25	.01	T							
CARRINGTON	.27		.02					T					.15		.10							T		T								
CARSON NO 2	2.00	.20	.30	T				.10					T	*	.20	.20						1.00										
CAVALIER	.44		T	.03	T			T				T	.04		.09	.08		T	T			.03	.10	T	T		.07			T		
CENTER	2.39	.14	.16			T	T	.10					.03	T	.56				T			1.20		.20								
COLGATE	.05		.01		.01						T						.01	T					.01		.01							
COLUMBUS	.81	T	.05	.03								.05	.07	.06					T			.47	.05	.03								
COOPERSTOWN	.15		.15									T	T	T					T					T								
COURTENAY	.30		.10						T		.02		.03	.04	.10				T					.01								
CROSBY R	.72	T	.04	T	T							.25	.06	.12				.01	.01			.19	.01	.03								
DEVILS LAKE W B CITY R	.60	T	.13	T	T	T		.01		T		.03	.02	.10	.20	T			T			.06	T	.04	.01		T			T		
DICKINSON CAA	1.28	.32	.10	T	.05	.17	.11	.01				.03		T	T	T			.02		.29	.12	.02	.04	T							
DICKINSON EXP STA	1.28	.05	.45	T	.02	.07	.01	.02					.10		.02	T			T	T		.51	.01	.02	T							
DONNYBROOK	1.79	.12	.25			T				T	.06	.02	.11	.15								1.03	.05	T								
DRAKE	1.32		T	.23				T	T			T	.02		T	.69						T	.30		.08							
DUNN CENTER	1.15	T	.34	T	T	.03	T	.08				T	.06		T				T	T		.62	T	.01	T		.01					
ECKMAN	1.30		.10	.15	T	T	T						.15		T	.20			T	T		.25	.40	T	.05		T					
EDGELEY EXP FARM	.78			.12				.08					T		.58																	T
EDMORE 1 W	.26		*	.09											.15							T		.02			T			T		
ELBOWOODS	.55		.21										.02	T					.02			.30										
ELGIN 5 S	1.36	.35	.24	T	T	.20	T	T				T	T	T	T	T			T		T	.57	T	T								
ELLENDALE	1.11		.12	.03		T	T	.08			T	T	T	.06	.76	.05			T					.01						T		T
ENDERLIN	.18		T			T		T							T	.18									T							
EPPING	.33	*	.05	.06				.06				.08											.08									
FAIRFIELD	.51	.06	.03	T	.06	.01	T					.04	T	T					.01			.30	T	T			T					
FARGO WB AIRPORT R //	.46		.06	.02	T	T	T	.02			T	T	T	T	.17	.04			T			.14		T	T					T		.01
FESSENDEN	.87		.06	T				.02	T				.03	T	.73		T					.02		.01								
FLASHER	1.45	T	.20	.02		.04	.03	.04							.14	.18						.72	.08									
FLAXTON	.95	.04	.13	.04	T			T				.04	.05	.07	T			.01	T			.45	.03	.08	T		.01			T		
FORBES 13 NW	1.13	.21	.15			T	.06	.23			T				.30	.10		.05		.03				T								
FORMAN	.25				T		T								T	.25							T									
FORT YATES R	.90	.13	.09			.04	T	.05							.37	T			T			.22	T	T								
FOXHOLM 7 N	.89		.10		T							T			.11				T			.68										
FULLERTON	.53		.22					.17				T		.04	.02	.05			.03					T								T
GACKLE	.83													T	.83			T				T		T								
GARRISON	.96		.28	.04		T	T	.03	T				T	T	T	.15				.04	.40			.01	.01		T					
GLEN ULLIN 13 N	1.20	.08	.40												.06				.06		.60											
GOLDEN VALLEY 10S	1.54	.25	.20	T		.04		.12						.05							.55				.33							
GRAFTON STATE SCHOOL	.48		T	.11				T				T	.07		*	.19						.04	.06	T	T		T			.01		
GRAND FORKS CAA	.44		.03	.02	.01			T			T	.01	.05	.01	.16	.11			T			.04	T	T	T					T		
GRAND FORKS UNIV	.37		.04	.02	T			T	T		T	.01	.04	.01		.16			T			.04	.05	T	T							
GRAND RAPIDS 1 N	.56		.12	T				.09			T			T	.35				T					T								T
GRANVILLE	1.24	T	.27	T				T				T	T	T	.39			T	T			.46	T	.06	T		.06			T		
GRASSY BUTTE 10N	1.98	.40	.60	.01	T		.20	T						.02					.60					.10			.05					
GRENORA	.21	.01	.15	T								.05										T	T					T				
HALLIDAY	1.09	.16	.15			T	.10					.06							.05			.54		.03								
HANKINSON R R STA	.59		T	T				T								.35							.24									
HANNAH	.55		.05	.05									.06	T	.29	.02						.05		.01						.02		
HANSBORO	.47		.06	.02				T				T	T	.03	.32				T			.02	T	T			.02			T		
HARVEY 3 NE	.70		.08	T	T			T					.04	.04	.35	T			.04			.10	T	.05								
HETTINGER	1.92	.49	.07		.14	.07	.09	T							.04							1.02	T	T								
HILLSBORO	.16		.06	T	T	T		T			T	T	.04	.01	.02	.03			T			T	T	T						T		T
JAMESTOWN CAA	.49		.14	T	T	T	.05	.07		T	T	.01	T	.05	.10	T			.02			.02	T	.03	T							
JAMESTOWN STATE HOSP	.65		.12	.01	T			.10	T	T	T	T	T	.02	.40	T			T			T		T	T							
KEENE 2 S	.96	.01	.10	.05	.01			.02				.02	.10					.02	.10			.45	.03	.05								
KENMARE R	1.09		.15	.06									.11		.08							.55	.11	.02	.01							
KENSAL WILDLIFE REF	.40		.04					.02						*	.34																	
KILLDEER 8 NW	1.68	.11	.20	T	.06	.03	T	.15				T	.04						.27			.71	T	.11								
KULM	.70		.18				.01	.08			T			.05	.38																	
LANGDON EXP FARM	.53		.01	.04								T	T	.01	.34	.05			.02			.01	T	.03	.02		T			T		
LANSFORD	1.77	.02	.48	.06	.02			.01				.02	.02	.02	.13			T	.02			.82	.03	.11			.01					
LARIMORE	.33		.02	T							T	.02	.08	.04	.07	.10																
LEEDS	1.30		.14	.06				T		T		T	.02	.07	.90	.02			T			.03	T	.06								
LEFOR 10 E	1.12	.17	.14	T	T	.08	.04	T				T	T	T	T				T			.69	T	T								
LINTON	1.81	.20	.38	T		.02		.09			T			.01	.92				.02			.15	T	.02								
LISBON	.25		T					T						T		.25			T					T								T
LITCHVILLE	.24		.12					.07	T		T			.05	T	T			T					T								
LOSTWOOD 12 N	.49	T	.06		T							.04	T	T				T	.02			.36	.01	T	T					T		
MADDOCK AGR SCHOOL	1.41		.17	.06	T			T					.02	.09	.89	T			T			.12	T	.06	T							
MANDAN EXP STATION	2.02	.01	.21	.03		T	.01	.09					.01		.59	.33			.05	.01		.65	.02	T	.01	T						
MANDAN FT LINCOLN PARK	1.92	.10	.21		T	T		.10					.04		.70				T			.74	T	.03								
MARMARTH	1.30		.25	.30	.20	T	.15					.03									.15		.10	.12								
MARTIN	.81	T		.02										T	.65					T			T	.14				T				
MAX	2.09	.10	.20	.10									T			.10			.04	.10		.80	.40	.20	.05		T					
MAYVILLE	.29		.10	.02	T	T	T	T			T	.01	.05	.04	.02	.02			T			.03	T	T	T					T		
MC CLUSKY	1.40	.06	.24	.03				.05					.07		.50				T			.41		.04								
MC HENRY 5 N	.16		.03	.02	T			T					.04	.03	.03	.01			T			T		T								
MC LEOD 3 E	-		-					-						T	T	.27			T					T								
MC VILLE	.08		.05	T									.03	T		T								T								
MEDINA 1 W	1.05		.05					.03							.97																	
MEDORA 4 NNE	1.28	.31	.15	T	T	.18	*	.07				T	T	T	T				T			.28	.04	.25								
MEDORA 23 NNW	.45	T	.10	.05	.10	.15	*	.05					T						T		T											
MINOT CAA	1.72	.07	.50	T	T		.01	.01				.01	.02	T	.08			T	.01		T	.85	.06	.09			.01			T		
MINOT EXP FARM	.88	.02	.08	.04	T			T		T		T	.03	T	.13				T			.55	T	.02			.01			T		
MOFFIT 4 SE	1.07	.01	.07	T		T	T	.01					.01		.70				T			.26	T	.01	T							
MOHALL	1.19	T	.23	T								T	.05	.02	.10			.02	T			.73	.03	.01								
MONTPELIER	.51		.06	.04	T		T	.05					T	.06	.26				.02					.02	T							
MOTT	1.48	*	.12	T	.04	.07	.07	T				T		T	.03				T			1.12	T	T							.03	
MUNICH 4 SW	.62		.03	.08	T			T				.01	.02	.03	.39	.01			T			.03	T	.02			T			T		
NAPOLEON 1 SE R	1.54	T	.17	.01		T	T	.06					T	T	1.22	T			.04			.03		T	.01							
NEW ENGLAND	.98	.25	.06		.09	.10	.06					T	T	T								.42	T	T	T							
NEW ROCKFORD 7 WNW	.62		.08	T				T	T			T	.10	.02	.40							.02								T		
NEW SALEM 1 S	1.68	.16	.25			.01	.10	.10					.04	T	.25				.10			.65	T	.02								
NEWTOWN	.85	.10	.15	.02	T		T					T	.02					T	.02			.44	.05	.05								

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
NOONAN	.76		.08									.04	.02	.04								.45	.05	.08								
NORTONVILLE	.78		.10					T							.68							T										T
OAKES	.48		.06	.04		T		.10			T		.02		.11	.12				.03			T	T	T							T
PARK RIVER	.49		.02	.02								T	.20	T	.16	.04						.05	T	T								
PARSHALL	.94	.03	.13	.04			.01	.02				T	.04	.02	.02			T	.07			.46	.05	.05								
PEMBINA 2 N	.56		.04	.04	T			.05				.09			.02		T	T				.29	T	T			.03					
PETERSBURG	.35		.09		T								.08		.15							.03										
PETTIBONE R	1.03	T	.09	.03	.01			.06				T	T	T	.83				T			.01		T	T							
PINGREE	.65		.20					T			T		T	T	.45				T			T		T	T							
PORTAL	.97		.18	.09									.17		.07				T			.33	.07	.06	T		T					
POWERS LAKE 1 N	.69	T	.04	T	T																	.55	.10							T		
PRETTY ROCK	E 1.68	.14	E .20	T		T	E.20	.09					T	T	.11				.03	T	T	.91	T	T		T						
REEDER	1.15	.50			.05	.10	.10							T								.40		T								
REEDER 14 N	.53	.02	.05					.10					T		T							.30		T	.06							
RICHARDTON ABBEY R	1.77	.30	.30	T	T	.09	.01	.04				T	.03	.01	.04	T			T			.94	T	.01	T							
RIVERDALE	1.09		.21	.01			T	.04	T				.03		T	.25			.03	T		.42	.06	.04	T							
ROLLA	1.06		.10	.04								T	.10	.08	.52	.05			.04			.06	.01	.03			.03					
RUGBY	1.29		.27	.06	.02			T		.02		.02	.02	.04	.58	.03			.02			.09	.02	.07	.01		.02					
RYDER R	1.28	*	*	.20				.02				T	.04	T	T	.05			.05			.82	.05				.05					
SAN HAVEN	1.19		.10	.04				T	T				.03	T	.71	.05			.02			.10	.03	.05	T		.06			T		
SCRANTON	.93	.21			T	T	.41					T			T							.31										
SELFRIDGE 11 W	2.56	.60	.18			.09	.09	.09							.82							.69		T								T
SENTINEL BUTTE 20 S	.54	.10	.03	T	T	.16	T	.02				T		T	T						.16		.04	.03								
SHARON	.23		.04	.03		T					T	T	.04	.10		.02						T		T								
SHERWOOD 3 N	1.13	T	.17	T								*	.12	.01	.07			.03	T			.65	.06	.02								
SHIELDS	1.58	.18	.12			T	T	.10							.53							.65										
STANLEY R	.89		.32										.09					T				.40		.08								
STEELE	1.30	T	.30	T	T	T	T	.08					T	T	.84	T		T			.08		T	T								
SYKESTON	1.15		.13	T			T	T				T	.05	.02	.95							T	T	T								
TAGUS	.93		.18	T	T			T				.03	T	T	T			.02	T			.64	.03	.03								
TIOGA	.76	.07	.11				.05						.05						T			.37	.04	.07								
TOLLEY 5 NNE	1.11	T	.20	.08	T							T	.02	.05	T			T				.60	.08	.08						T		
TOWNER	1.28		.27	T	T									T	.61							.10	T	.20			.10					
TROTTERS 6 WNW	.61	.18	T		.08	.07	.08					T	.05		T				.03		T		T	.10	T		.02					
TURTLE LAKE	–			.46				–					T		.45	–			T			.63	–	–	–							
TUTTLE	.95	T	.20	.03	T	T		.05						T	.45	.01			.05			.16	T	T								
UNDERWOOD	1.87		.27	.12				.05					T		.06	.25			.03			.80	.23	.03	.03							
UPHAM 3 N	1.30		.18	T				T	.04				T	T	.65	T			T			.33	.01	.07			.02					
VALLEY CITY	.20		.10	T		T	T	.02				.04		.02		T								.02								
VELVA	1.29	.02	.21	.04	T			.02		T		.01	.01	T	.35			.01	.01			.57	T	.02	T		.02					
VERONA	.41		.15											*	.17	.08																.01
WAHPETON STATE SCHOOL	.86		.17	.07				T					T		.11	.15			.02			.04	.23	.01							.06	T
WALHALLA	–		.20									T			–							T										
WARWICK	.26				T						T	T		.25					T				.01									
WASHBURN	1.87	.09	.20			T		.02				T	T	T	.72				.02			.75		.07	T							
WATAUGA 8 N S OAK	1.94	.50	T	T	T	.12	.10							T	.30						T	.92										
WATFORD CITY	1.37	.17	.15			.02	.17					.18							.18			.22	.12	.16								
WATFORD CITY 14 S	.93	T	.35			.06	T					T	T	T					.23			.16	.06	.07								
WESTHOPE	1.08		.21	.03								.09	.12	.13	.12				.05			.29	.04	T								
WILDROSE	1.06	T	.15						T				.38	.04					.07			.34	.06			.02						
WILLISTON WB CITY R //	.99	.14	.08	T	T	.02	.06	T		T		.34	T	T	T	T		.03	.17		T		.06	.09	T							
WILLOW CITY	1.08		.14	T				T				T	.02	.05	.59			T				.16	T	.03			.09					
WILTON RR STATION	1.57		.16	.06					.02				T		.29	.30			.04	.02		.42	.21	.03	.02							
WISHEK	1.13	T	.09					.04							.92	T						T		.08								
WOODWORTH 5 E	1.05		.05				T						T	T	1.00				T													
ZAHL	.38	.02	.05	.02	T	.01	.02	T				.05		T				.12	T		T		.05	.04								

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
MARCH 1953

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	16	20	21	23	15	9	37	36	39	47	44	36	37	34	32	48	55	40	46	53	48	40	26	31	41	50	53	59	62	51	53	38.8
	MIN	7	11	0	7	3	-13	3	19	21	25	33	16	23	21	10	14	30	28	22	29	30	25	14	11	17	27	28	30	39	26	30	18.9
AMENIA	MAX	23	24	25	27	22	16	22	38	35	40	40	36	32	39	35	38	56	49	49	56	47	43	29	37	41	49	55	55	50	52	42	38.8
	MIN	-3	15	5	7	0	-5	4	11	22	24	30	17	9	29	18	15	26	27	19	31	36	25	18	17	15	24	26	28	28	35	26	18.7
AMIDON	MAX	21	14	15	25	24	15	14	39	44	46	57	44	39	33	31	35	55	54	39	52	57	47	28	23	26	40	50	54	61	59	58	38.7
	MIN	6	6	-4	6	3	-15	-4	13	28	29	29	20	24	21	17	22	34	28	23	27	30	23	17	10	13	23	27	30	38	25	32	18.7
ARVILLA STATE PARK	MAX	15	22	24	25	18	15	23	39	35	38	39	31	26	35	33	39	51	40	50	54	48	41	34	35	41	45	55	54	48	55	50	37.4
	MIN	-9	13	4	8	-4	-9	-5	10	20	24	29	13	0	25	14	7	21	26	19	30	34	32	17	18	12	22	26	16	24	31	19	15.7
ASHLEY	MAX	17	21	20	22	20	16	24	32	40	32	39	35	37	40	26	34	46	41	44	58	50	41	29	32	40	52	52	55	59	55	45	37.2
	MIN	3	12	-3	0	-1	-10	-5	7	14	28	23	17	19	24	10	14	23	26	21	28	33	27	14	10	17	27	23	23	34	32	26	16.6
BEACH	MAX	22	12	19	27	26	17	15	41	46	46	59	40	46	32	31	40	56	52	40	55	62	41	28	24	28	43	51	55	64	57	61	39.9
	MIN	8	7	-3	2	15	-20	-18	5	23	22	32	15	17	21	16	23	28	28	20	26	30	22	17	9	10	19	24	24	33	22	22	16.1
BELCOURT INDIAN RES	MAX	11	17	20	18	10	5	23	34	32	32	35	18	25	27	26	29	39	37	37	45	43	34	21	23	37	42	47	48	42	48	48	30.7
	MIN	-19	7	5	-1	-8	-25	-10	-10	18	26	11	4	-3	18	3	-8	10	19	3	27	30	19	10	10	5	25	23	23	33	30	21	9.5
BELFIELD	MAX		23	29	19	15	9	43	44	47	59	44	42	35	33	40	42	51	36	54	58	51	39	29	30	40	52	59	63	61	52	61	42.0
	MIN		7	-5	12	6	-25	-3	13	17	21	28	18	25	18	14	19	31	25	16	28	29	21	18	9	17	22	18	29	34	22	20	16.8
BISBEE	MAX	19	18	20	19	14	8	21	39	35	36	33	18	30	26	22	33	42	36	41	50	45	34	25	28	40	43	48	51	44	49	50	32.8
	MIN	-5	10	10	-4	-9	-18	-7	6	21	27	18	7	4	5	2	0	10	22	12	28	32	23	13	13	15	26	26	25	33	30	25	12.9
BISMARCK WB CITY	MAX	22	15	23	21	25	19	11	37	39	39	45	38	28	40	29	28	41	50	36	45	53	43	34	27	33	43	55	56	58	64	53	37.1
	MIN	7	13	3	1	4	-13	-4	10	15	26	25	12	16	24	11	9	18	29	19	27	34	31	16	14	17	24	27	28	39	30	27	17.4
BISMARCK WB AIRPORT	MAX	15	23	19	25	15	8	37	38	35	45	36	29	39	30	27	38	46	35	45	52	43	34	25	32	43	50	53	58	65	53	51	36.9
	MIN	7	-3	-3	-3	2	-16	-2	6	14	27	25	13	22	15	9	6	27	25	18	27	32	25	15	13	17	28	24	27	41	30	25	15.9
BOTTINEAU	MAX	14	12	18	17	16	10	3	29	33	31	38	28	19	29	27	21	32	39	28	34	42	34	32	15	24	34	40	46	48	44	49	28.6
	MIN	-8	-1	7	-9	-13	-23	-20	-3	10	20	26	7	5	5	4	-1	14	18	8	18	29	29	11	9	4	15	24	28	34	27	30	9.8
BOWBELLS	MAX	13	13	20	22	15	11		35	40	36	53	30	21	20	21	29	47	49	34	45	43	37	24	15	25	36	40	52	54	54	51	32.8
	MIN	-12	-8	-2	-2	-3	-20	-18	10	23	23	26	5	6	14	3	15	22	26	18	27		24	12	10	10	16	23	27	34	25	29	12.1
BOWMAN COURT HOUSE	MAX	20	16	25	24	23	11	39	40	43	56	50	43	36	33	33	54	50	40	52	59	53	44	29	28	42	51	55	60	60	50	58	41.2
	MIN	6	8	-6	16	9	-16	4	15	21	20	30	22	27	21	16	20	29	28	22	27	30	22	19	10	18	25	26	30	38	23	25	18.9
BUTTE	MAX	15	14	20	18	20	11	8	33	35	35	45	32	23	28	26	28	35	44	32	40	49	36	30	19	25	40	44	49	55	60	49	32.2
	MIN	1	5	-1	4	-6	-15	-16	4	20	25	28	6	6	6	15	7	12	28	19	18	20	26	13	12	11	13	28	28	30	30	30	13.1
CARRINGTON	MAX	29	18	22	19	21	5	12	30	39	38	33	34	18	33	33	22	37	48	32	48	57	39	34	20	30	40	48	52	53	56	52	33.9
	MIN	-3	-3	-2	-2	-10	-15	-16	4	7	17	24	8	8	8	6	6	10	27	19	20	27	29	12	10	9	10	22	24	26	28	19	10.6
CARSON NO 2	MAX	16	15	20	20	23	12	13	36	35	40	48	45	42	41	27	30	42	53	35	43	52	46	33	23	32	41	50	53	51	61	50	36.4
	MIN	8	8	-6	3	4	-17	3	10	20	23	24	19	17	20	18	9	23	30	22	26	30	26	15	11	15	20	25	31	27	29	27	16.8
CAVALIER	MAX	11	20	25	20	12	8	21	37	31	40	37	22	23	35	32	35	44	41	47	52	48	38	33	26	38	39	52	52	47	54	52	34.6
	MIN	-10	10	15	8	-4	-11	-11	14	18	27	22	10	7	23	15	6	26	23	16	30	34	31	16	11	12	27	28	23	29	33	25	16.2
CENTER	MAX	15	21	21	23	16	11	35	37	41	49	48	35	35	32	30	40	52	45	43	50	48	38	27	32	40	48	54	57	62	54	52	38.4
	MIN	6	10	-1	-4	2	-12		5	19	27	26	9	22	22	8			27	22	26	32	26	14	11		28	22	22	32	24	23	16.6
COOPERSTOWN	MAX	17	22	21	23	18	14	19	35	34	37	35	33	25	34	32	38	48	45	47	55	51	38	32	33	40	49	53	54	51	53	49	36.6
	MIN	-3	13	-2	0	-8	-12	1	7	19	27	24	11	7	23	11	13	27	26	18	30	35	30	15	14	10	27	22	20	31	30	24	15.8
CROSBY	MAX	16	20	24	17	12	10	37	41	44	53	48	23	23	22	28	44	45	36	45	46	44	35	21	26	40	48	52	59	53	50	58	36.1
	MIN	2	8	1	3	2	-18	-7	14	20	29	17	7	16	15	-1	11		23	23	29	31	20	11	8	17	21	25	33	34	26	30	15.0
DEVILS LAKE W B CITY	MAX	15	20	18	20	12	9	28	40	34	47	32	19	27	38	21	39	48	34	48	57	38	35	24	28	42	44	49	53	47	51	50	34.4
	MIN	-2	11	1	-2	-9	-14	0	9	22	28	19	7	4	18	4	9	26	22	19	30	32	24	14	14	10	28	25	25	33	29	24	14.8
DICKINSON CAA	MAX	12	17	22	23	14	7	38	37	41	55	45	40	33	30	36	53	54	35	52	56	47	30	22	28	42	50	54	61	59	50	56	38.7
	MIN	7	-4	-2	9	-10	-18	0	16	24	24	22	17	25	19	16	24	30	22	20	26	29	21	12	10	19	26	24	31	35	24	25	16.9
DICKINSON EXP STATION	MAX	20	13	20	25	26	11	11	40	42	45	55	46	39	34	27	37	55	55	37	55	57	50	29	26	30	43	51	56	62	60	52	39.0
	MIN	8	8	-6	4	8	-26	-20	4	17	21	30	18	21	23	17	16	30	28	17	25	30	24	16	11	13	21	20	29	36	24	20	15.7
DRAKE	MAX	15	14	21	18	23	13	8	31	37	34	46	36	20	29	28	26	39	44	33	42	50	38	29	20	27	41	46	49	55	58	50	32.9
	MIN	-1	5	4	-6	-10	-19	-16	-4	21	21	29	8	8	15	3	6	10	28	18	21	29	26	14	12	12	11	26	29	32	29	28	12.5
DUNN CENTER	MAX	19	12	20	23	24	18	6	38	43	40	53	33	30	33	25	31	53	52	32	52	54	47	29	24	30	41	50	54	60	60	52	36.7
	MIN	5	8	-2	-1	-1	-22	-25	4	15	11	22	15	15	24	10	12		28	15	18	27	24		10	10	17	21	21	28	23	23	12.6
ECKMAN	MAX	13	12	20	20	18	11	15	33	38	32	43	30	17	27	22	25	35	41	32	41	41	36	28	18	26	38	44	49	54	50	52	31.0
	MIN	-9	-9	1	-4	-13	-24	-24	3	10	22	25	3	3	8	5	2	7	28	15	18	26	26	12	10	9	16	23	20	30	28	25	9.4
EDGELEY EXP FARM	MAX	19	18	22	20	24	18	10	22	34	36	37	34	27	32	31	27	38	46	35	45	61	40	41	19	35	40	51	53	57	56	54	34.9
	MIN	3	6	2	4	3	-4	7	10	22	30	28	19	17	20	15	17	17	26	24	26	31	27	17	9	16	28	27	27	31	31	28	18.2
EDMORE 1 W	MAX	13	20	21	19	17	11	19	40	38	44	40	24	24	34	30	38	49	43	48	59	52	36	28	29	41	45	52	55	50	54	51	36.3
	MIN	-8	10	6	-5	-15	-18	-5	-1	18	28	20	8	0	22	7	15	25	23	15	26	34	27	18	18	7	25	21	18	35	31	25	13.9
ELBOWOODS	MAX	18		22	23	18	12	39	43	39	56	40	33	32	30	35	55		42	53	53	53	40	27		37	49	57	62	60	52	58	40.6
	MIN	9		-2	10	0	-21	-2	9	13	15	16	13	24	20	14	20		30		36	36	28	12		23	26		38	40			17.0
ELLENDALE	MAX	22	24	23	24	22	19	18	32	41	35	36	36	37	35	33	40	54	47	48	63	54	44	33	35	42	52	54	56	58	53	48	39.3
	MIN	6	15	4	6	4	-3	8	12	15	31	25	21	22	30	17	19	26	29	24	31	32	32	18	15	18	30	28	26	32	32	30	20.5
ENDERLIN	MAX	18	23	24	24	27	20	15	29	36	38	39	35	24	30	37	32	38	56	40	54	56	45	45	23	35	42	50	54	55	50	52	37.0
	MIN	1	6	5	5	1	-3	-2	7	22	25	28	20	12	13	16	17	21	23	23	26	37	33	20	17	12	19	27	22	24	33	23	17.2
EPPING	MAX	13	23	21	20	13	8	33	45	43	53	50	25	28	29	30	50	47	38	47	50	45	36	23	27	40	47	54	60	56	51	60	37.6
	MIN	5	8		4	5	-21	-7	13	15	25	20	11	22	17	2	20	32	24	20	30	32	20	13	9	17	29	25	31	20	23	28	16.4
FARGO WB AIRPORT	MAX	22	23	25	25	17	11	25	36	33	42	38	39	34	37	32	35	53	39	47	53	46	45	29	37	39	45	52	52	47	48	43	37.1
	MIN	-3	16	7	6	-1	-6	6	10	23	28	30	16	11	30	17	14	28	23	21	35	33	29	19	19	15	27	25	23	30	29	26	18.9
FESSENDEN	MAX	16	21	22	24	16	13	23	40	40	45	39	30	26	34	28	37	45	40	43	55	47	38	27	31	41	49	51	53	57	55	51	36.7
	MIN	0	10	3	-4	-9	-17	-7	10	18	28	27	10	12	20	4	3	23	25	17	29	33	27	12	10	11	17	23	23	32	28	22	14.2
FORMAN	MAX	21	25	24	27	21	18	21	34	43	49	38	34	32	34	33	38	61	54	49	56	51	44	34	31	42	50	53	55	52	51	46	39.4
	MIN	4	15	1	6	3	0	7	14	13	31	27	21	20	29	16	15	29	29	29	31	37	32	20	16	15	25	25	24	29	30	32	20.2
FORT YATES	MAX	19	25	23	25	24	15	30	40	45	46	45	41	40	40	27	38	49	43	45	55	54	47	32	35	43	55	56	60	65	54	53	40.9
	MIN	9	14	0	9	5	-11	5	12	14	27	24	19	24	23	12	6	20	30	20	24	33	30	18	14	22	27	21	25	40	32	21	18.4
FOXHOLM 7 N	MAX	20	21	21	22	15	12	33	40	39	50	50	26	21	22	28	47	50	48	47	48	45	37	24		45	52	55	57	57	50	54	37.9
	MIN	2	0	4	-4	-2	-21	-11	5	22	24	26	4	13	15	7	12	29	29	20	20	30	21	12			22	21	23	35	29	21	14.1
FULLERTON	MAX	20	26	22	24	22	17	18	35	42	37	35	36	33	34	32	40	51	40	48	64	52	43	33	35	42	51	54	56	58	54	42	38.6
	MIN	5	15	3	5	2	-2	8	15	15	30	25	19	20	29	15	17	26	29	25	30	37	32	18	15	17	28	26	25	34	31	30	20.1

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERAT URES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	16	21	19	21	19	15	26	35	37	36	32	32	30	32	25	38	48	38	44	56	48	38	28	33	41	50	53	54	57	54	49	36.3
	MIN	4		-3	-4	-3	-11	-3			26	26	9	13	24	14	12	26	25	18	28	34	26	17	11	13	26	24	26	33	32	26	16.8
GARRISON	MAX	12	14	21	19	22	12	4	38	37	43	49	32	24	30	27	27	48	55	36	50	48	41	28	20	30	41	47	52	56	58	51	34.6
	MIN	2	7	0	-4	-2	-17	-15	3	9	21	29	7	7	20	8	12	16	27	22	23	16	22	13	12	13	17	20		32	27	28	12.5
GRAFTON STATE SCHOOL	MAX	12	19	23	20	16	7	19	35	34	35	34	28	22	32	33	33	45	44	45	52	51	41	34	28	37	42	53	53	50	55	53	35.0
	MIN	-11	7	11	4	-9	-15	-12	6	19	22	24	8	4	20	13	6	24	21	15	29	32	30	14	15	9	22	24	17	27	28	21	13.7
GRAND FORKS CAA	MAX	16	22	23	21	10	8	25	35	32	36	36	35	31	35	27	36	49	39	46	53	43	41	30	30	40	43	53	53	44	52	50	35.3
	MIN	-7	14	7	2	-5	-11	-1	6	22	23	32	9	7	26	14	12	29	24	21	35	34	28	19	19	14	28	26	24	32	33	26	17.5
GRAND FORKS UNIVERSITY	MAX	17	22	26	24	14	9	21	35	35	36	36		30	35	33	36	49	43	44	53	45	40	35	30	40	43	52	53	43	52	48	36.0
	MIN	-6	10	6	9	-4	-10	-1	9	24	24	33	11	8	30	19	14	30	22	22	35	38	34	21	20	15	30	28	27	34	35	29	19.2
GRANO RAPIDS 1N	MAX	19	28	24	26	23	18	20	35	37	37	35	34	33	34	29	39	52	43	49	61	49	43	34	35	43	53	53	57	58	54	48	38.8
	MIN	3	15	0	6	-1	-4	3	14	16	30	25	17	18	25	15	19	27	29	26	30	36	31	18	15	15	28	26	21	28	31	26	19.0
GRANVILLE	MAX	14	23	20	20	15	12	32	40	37	48	41		23	27	30	45	49	37	46	47	48	36	24	29	42	46	53	58	58	54	55	37.0
	MIN	2	11	1	-5	-7	-18	-8	5	20	30	23		6	20	6	4	28	25	21	28	32	24	13	12	11	30	25	27	35	29	25	15.2
GRENDRA	MAX	14	23	24	23	14	11	35	45	46	48	43	24	25	25	30	46	46	46	42	48	45	35	23	27	40	48	55	60	50	46	59	37.0
	MIN	5	0	-4	4	3	-19	-5	17	21	28	19	10	22	16	5	21	33	24	22	30	30	21	12	8	15	28	22	33	23	30	32	16.3
HANKINSON R R STATION	MAX	15	21	24	20	29	20	12	30	34	40	45	38	31	33	36	30	38	58	40	47	57	50	50	28	32	40	47	53	52	50	48	37.0
	MIN	4	0	8	7	2		-5	6	15	20	29	28	19	19	22	15	15	29	24	27	38	32	20	17	18	18	27	26	29	33	34	19.2
HANNAH	MAX	12	24	20	17	18	15	20	38	35	36	34	18	24	32	22	34	44	35		48	45	34	24	27	40	41	47	52	44	50	50	32.7
	MIN	-12	6	10	5	-4	-19	-5		19	26	16	5	-1	22	1	1	17	17		31	31	22	11	13	6	21	23	21	31	30	23	12.7
HANSBORO	MAX	14	18	18	15	10	10	20	37	35	34	31	14	25	27	20	30	40	35	39	45	41	35	24	25	39	41	46	52	41	50	51	31.0
	MIN	-5	7	6	2	-7	-15	-5	7	20	27	14	5	0	17	2	1	9	19	15	28	32	23	12	12	10	27	27	26	33	31	26	13.1
HETTINGER	MAX	13	20	25	26	19	7	39	39	42	46	42	35	34	34	31	51	54	39	54	55	47	37	27	29	41	51	53	57	61	57	55	39.4
	MIN	5	2	-10	13	6	-16	0	16	20	17	25	21	26	21	17	13	24	24	17	27	32	19	17	10	19	28	25	31	39	33	28	17.7
HILLSBORO	MAX	19	21	27	27	21	14	21	36	34	38	35	35	30	39	35	37	52	41	48	54	48	40	35	40	45	53	53	52	50	49	48	38.0
	MIN	-4	15	4	8	-1	-8	0	10	22	21	32	16	6	28	15	13	27	26	20	32	38	19	18	15	24	26	30	32	29	25	25	18.2
JAMESTOWN CAA	MAX	18	23	20	24	18	12	30	38	33	37	33	33	30	33	27	39	48	37	47	58	40	39	28	33	42	52	55	54	58	55	48	36.8
	MIN	2	14	3	2	-3	-7	5	12	22	29	27	13	16	22	12	16	27	25	24	30	32	27	15	13	13	28	25	21	34	28	24	17.8
JAMESTOWN STATE HOSP	MAX	19	23	21	23	17	13	22	39	33	37	35	32	31	33	28	40	49	40	47	58	47	40	31	31	40	51	53	53	57	54	46	36.9
	MIN	2	15	2	3	-1	-6	6	13	23	28	25	14	16	26	13	16	27	27	24	30	36	31	16	14	15	29	26	22	34	32	28	18.9
KENMARE	MAX	14	13	20	22	18	18	9	35	40	37	51	30	23	25	22	31	47	50	35	46	45	37	28	18	26	37	46	53	54	55	51	33.4
	MIN	-5	3	1	0	-3	-18	-18	0	21	20	25	4	4	15	4	13	18	27	21	22	27	28	10	10	9	13	22	22	28	25	27	12.1
KENSAL WILDLIFE REFUGE	MAX	17	23	22	26	18	15	23	39	38	40	38	33	29	35	28	40	51	42	47	58	52			34	42	53	56	53	55	55	52	38.4
	MIN	-3	13	-2	0	-6	-12	2	6	20	27	22	10	11	21	8	8	24	25	17	27	32			11	8	26	24	15	31	30	17	14.2
LANGOON EXP FARM	MAX	10	19	22	16	13	9	18	38	37	43	40	15	21	33	30	37	45	44	43	48	47	36	28	28	37	41	54	51	47	56	50	34.1
	MIN	-12	4	11	-4	-13	-20	-6	5	20	25	15	6	-1	19	5	4	20	21	15	29	31	26	9	13	4	25	25	22	30	30	24	12.3
LARIMORE	MAX	15	20	24	25	18	13	21	36	35	38	36	30	26	34	33	36	49	43	47	53	47	39	34	35	36	45	53	51	47	52	49	36.1
	MIN	-5	13	3	6	-5	-11	-1	11	26	28	29	13	14	26	14	9	29	26	21	32	35	32	17	18	19	28	27	23	32	33	25	19.3
LEEDS	MAX	16	20	19	16	12	10	20	39	36	43	41	20	25	32	22	34	42	36	42	52	47	35	27	27	42	42	49	56	51	51	52	34.1
	MIN	-2	10	5	-3	-10	-18	-2	6	22	28	12	7	8	22	0	-5	23	25	13	28	33	27	12	13	12	28	26	24	32	30	22	13.8
LINTON	MAX	20	24	23	27	22	13	28	36	42	36	44	38	40	38	27	33	47	41	44	55	52	41	32	33	43	53	55	58	63	60	50	39.3
	MIN	8	16	-3	0	5	-13	2	9	13	28	24	12	24	21	10	8	25	30	19	30	34	31	17	13	22	28	22	26	40	33	27	18.1
LISBON	MAX	20	22	22	24	17	13	28	34	35	39	33	32	31	35	31	40	55		49	52	50	42		31	42	49	52	51	51	48	47	37.1
	MIN	2	15	2	6	0	-4	-6	10	20	30	27	18	15	19	15	14	26	29	23	23	38	32	19	16	16	21	27	19	26	29	26	17.8
LOSTWOOD 12N	MAX	10	18							38	48	46	23	21	23	27	45	47	35	45	45	40	32	18	24	36	44	50	54	53	48	53	36.9
	MIN	-4	7	-1	-1	-4	-20	-8	10	12	23	17	3	14	15	0	15	30	17	17	22	28	18	8	7	14	27	17	29	35	21	27	12.7
MADDOCK AGR SCHOOL	MAX	17	21	20	22	15	12	24	39	35	45	40	27	26	34	24	36	42	38	42	54	50	37	29	30	40	45	51	53	54	53	51	35.7
	MIN	-1	10	2	-5	-12	-19	-7	6	20	28	27	9	9	23	3	0	16	25	15	30	33	26	13	12	12	27	24	24	33	28	27	14.1
MANDAN EXP STATION	MAX	21	15	23	20	23	18	9	36	36	35	44	35	27	38	27	27	35	47	33	43	50	41	33	21	31	42	48	53	58	65	51	35.0
	MIN	6	7	2	4	4	-13	-8	9	15	26	25	12	15	23	10	5	16	28	17	26	32	29	16	13	15	23	25	26	39	30	24	16.2
MANDAN FT LINCOLN PARK	MAX	21	15	21	27	21	12	35	37	44	46	44	36	41	34	32	37	51	40	46	54	51	40	30	34	43	51	56	59	67	54	52	39.7
	MIN	6	11	0	-1	2	-14	1	12	16	25	24	11	20	22	9	4	24	28	19	24	31	29			15	28	25	23	40	28	24	16.8
MARMARTH	MAX	18	18	28	30	22	13	44	44	48	57	44	48	37		41	54	54	43	56	63	48	38	30	32	47	52	58	65	67	53	63	43.8
	MIN	10	10	-3	18	12	-20	2	15	10	23	28	24	30		19	24	30	32	19	26	33	23	23	14	20	28	23	31	38	27	22	19.7
MAX	MAX	15	15	20	18	18	11	8	32	36	33	45	32	22	28	28	28	42	48	36	48	48	49	28	18	28	38	45	55	56	58	50	33.4
	MIN	0	10	0	-2	-5	-16	-20	-8	21	23	28	5	5	14	15	10	13	27	18	22	23	23	12	11	11	20	24	21		29	30	12.1
MAYVILLE	MAX	18	22	21	24	19	13	21	36	34	36	36	34	29	35	32	37	48	39	47	50	45	46	32	36	39	47	54	53	46	48	48	36.3
	MIN	-2	16	4	7	-2	-9	2	11	21	25	31	16	7	27	17	17	29	33	20	34	37	32	20	18	12	25	27	23	31	33	25	18.9
MC CLUSKY	MAX	14	19	19	15	12	10	28	38	33	45	41	32	28	28	20	36	36	38	42	47	47	37	25	24	40	46	48	48	48	50	50	33.7
	MIN	3	12	-1	-4	-3	-17	-3	8	17	29	28	6	18	20	5	7	25		18	28	32				13	29	25	25	31	28	26	15.0
MC HENRY 5 N	MAX	16	20	18	21	14	11	19	38	36	38	37	29	22	34	29	40	48	39	47	56	49	37	32	34	40	48	52	54	52	53	50	35.9
	MIN	-3	10	-4	-3	-11	-19	-1	5	21	26	25	8	1	22	6	8	25	22	16	29	33	20	12	12	8	25	23	22	32	28	24	13.6
MC LEOD 3 E	MAX	25	24	24	27	25	22	23	38	43	45	40	37	32	41	34	46	61	55	48	55	47	47	42	38	40	50	58	57	52	54	48	41.2
	MIN	2	15	2	7	3	-5	-3	9	23	27	28	24	16	23	16	12	25	29	21	32	38	30	20	22		26	23		36	35	28	19.4
MEDORA 4 NNE	MAX	21	21	29	28	24	14	44	47	49	61	52	45	41	35	41	56	54	43	58	60	55	45	28	30	42	51	57	65	59	53	61	44.2
	MIN	9	10	1	15	12	-27	-3	8	14	24	28	18	30	23	18	25	32	28	17	24	32	23	18	12	15	29	20	29	40	20	23	18.3
MINOT CAA	MAX	13	20	19	18	11	6	32	38	35	47	33	18	26	26	27	47	48	35	43	46	42	34	16	23	39	44	50	55	55	49	52	33.8
	MIN	5	8	5	-2	-2	-19	-1	12	24	30	12	4	17	16	8	12	33	24	24	29	31	16	10	11	9	30	26	29	35	30	28	15.9
MINOT EXP FARM	MAX	12	21	18	20	13	10	32	37	37	46	45	24	24	26	28	48	49	47	44	47	45	35	23	26	38	45	51	56	56	51	54	35.7
	MIN	4	3	0	-3	-7	-21	-6	8	23	29	24	4	16	19	12	11	11	24	22	29	30	23	12	11	8	28	26	29	36	30	29	15.0
MOHALL	MAX	11	20	20	18	13	8	33	40	35	53	45	18	24	26	26	44	51	37	45	41	41	34	22	26	37	45	51	55	52	52	57	34.8
	MIN	-3	8	0	-2	-7	-20	-6	9	20	29	18	3	8	16	5	7	24	23	22	29	31	21	11	10	9	30	24	29	35	29	28	14.2
MOTT	MAX	18	21	25	27	21	7	41	38	41	56	46	39	36	34	33	55	60	41	50	56	49	40	30	31	44	51	54	60	60	50	55	40.9
	MIN	7	10		5	6	-22	4	7	17	21	26	21	26	26	18	19	29	30	17	22	32	24	17	12	18	26	20	28	39	24	20	18.3
MUNICH 4 SW	MAX	10	17	18	16	10	7	22	35	31	37	31	17	23	37	20	31	43	34	41	50	43	31	22	25	38	40	47	50	41	49	48	31.1
	MIN	-7	7	9	-6	-11	-20	-7	1	20	26	17	6	0	20	2	0	18	17	12	29	31	22	11	11	8	25	24	21	31	30	24	12.0
NAPOLEON 1 SE	MAX	15	20	20	22	19	11	27	31	39	34	39	33	37	34	22	32	41	39	42	56	48	36	28	33	42	52	53	55	58	52	45	36.0
	MIN	6	9	-11	-2	-3	-12	-4	7	12	28	22	14	20	21	7	8	23	24	19	27	33	28	13	10	17	25	25	24	35	31	25	15.5

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW ENGLAND	MAX	18	21	24	24	21	8	42	40	42	56	47	39	35	34	37	55	56	42	52	56	51	40	27	28	41	51	55	54	60	52	55	40.7
	MIN	6	11	-6	11	6	-20	3	12	22	21	30	18	26	22	17	21	29	27	18	25	32	23	17	10	18	27	22	29	38	25	21	18.1
NEW SALEM 1 S	MAX	22	19	19	25	14	8	33	36	38	47	42	33	37	33	29	45	55	35	43	51	47	36	27	30	41	51	49	52	62	50	52	37.5
	MIN	10	5	-4	5	0	-13	1	17	20	25	26	10	20	18	8	12	26	26	20	26	29	25	13	15	10	25	27	24	34	27	22	16.4
NEWTOWN	MAX	12	24	22	25	15	9	35	40	40	54	45	28	28	26	30	51	51	40	51	51	51	42	24	27	40	47	53	58	56	51	55	38.1
	MIN	6	5	-2	-4	3	-15	-8	10	19	26	28	12	22	20	6	21	32	27	22	30	30	24	14	12	17	29	27	31	37	25	27	17.2
OAKES	MAX	19	21	24	22	25	19	13	32	34	41	39	38	27	34	35	28	39	54	37	47	63	45	46	23	35	41	50	52	55	55	50	36.9
	MIN	4	10	-1	0	4	-1	0	9	17	18	21	21	19	20	16	14	16	31	22	26	31	31	19	15	16	18	27	24	31	29	30	17.3
PARK RIVER	MAX	13	20	23	21	16	12	20	38	35	40	40	26	26	33	34	36	47	44	48	52	50	40	33	31	39	42	54	53	52	54	53	36.3
	MIN	-6	11	12	7	-5	-13	-5	15	24	28	25	11	7	17	14	10	27	25	20	30	34	30	11	19	12	25	29	23	27	34	24	16.8
PARSHALL	MAX	11	21	21	20	15	9	34	41	37	54	52	29	28	26	30	52	50	38	50	52	48	40	24	29	40	47	51	57	57	51	53	37.6
	MIN	5	10	-2	-10	1	-22	-8	11	14	27	26	7	21	21	5	19	32	26	19	29	30	22	12	11	16	27	21	30	37	26	28	15.9
PEMBINA 2N	MAX	16	23	27	22	16	8	20	32	34	35	35	28	25	30	33	33	47	47	44	51	54	41	36	24	38	38	49	51	51	53	54	35.3
	MIN	-20	8	14	1	-10	-17	-14	2	17	24	28	16	6	22	15	0	22	22	10	30	34	31	15	17	7	25	22	23	30	34	23	14.1
PETERSBURG	MAX	12	18	20	22	21	12	19	35	35	35	33	26	21	32	32	36	46	40	45	55	46	35	30	31	37	45	53	51	48	53	48	34.6
	MIN	-20	10	4	-1	-10	-15	-5	4	19	24	27	10	1	20	7	8	27	24	17	30	33	30	13	14	6	25	23	22	29	33	26	14.0
PETTIBONE	MAX	16	21	20	20	20	13	21	37	43	37	34	32	28	32	22	35	44	40	45	57	50	35	28	27	41	49	51	56	57	55	50	36.0
	MIN	1	13	-5	-6	-5	-13	-13	7	13	29	25	7	17	22	8	7	21	27	18	29	34	28	14	12	12	26	23	25	35	30	26	15.1
PORTAL	MAX	13	12	20	21	15	10	9	35	43	39	51	30	20	20	20	28	45	48	33	45	42	37	26	15	24	38	46	30	55	53	52	32.1
	MIN	-4	3	-6	-3	-6	-19	-8	7	18	23	25	5	9	15	0	0	20	23	22	28	31	25	10	8	11	20	26	30	32	24	27	12.8
POWERS LAKE 1N	MAX	12	18	20	18	11	11	35	39	36	50	42	24	24		28	46	50	34	46	46	41	34	20	25	36	45	49	54	52	45	53	34.8
	MIN	0	-2	-6	-7	-1	-20	-3	14	18	26	15	7	18		2	18	32	22	21	29	29	16	10	8	12	30	23	21	35	28	28	14.1
RICHARDTON ABBEY	MAX	16	18	23	25	17	10	38	38	40	60	50	38	35	33	33	53	55	41	50	53	49	45	26	30	41	50	54	59	59	53	56	40.3
	MIN	6	8	-3	10	4	-15	3	18	23	23	34	16	23	20	12	21	31	26	20	28	29	23	14	10	16	28	26	30	38	28	26	18.6
RIVERDALE	MAX	17	14	20	18	22	13	6	35	37	33	49	33	24	32	26	31	45	50	34	45	49	40	30	19	29	40	47	51	56	59	50	34.0
	MIN	3	6	2	0	2	-14	-11	6	19	24	29	8	9	21	8	11	15	27	22	26	30	26	11	12	14	19	26	29	33	28	28	15.1
ROLLA	MAX	12	19	23	20	12	5	20	35	31	32	33	19	24	27	26	31	40	37	38	45	42	34	23	24	37	43	46	50	42	50	49	31.3
	MIN	-5	7	6	0	-5	-16	-4	9	20	29	14	4	1	18	7	2	15	20	14	27	31	21	11	12	10	26	27	27	32	32	28	13.5
RUGBY	MAX	16	20	20	19	15	10	22	38	36	42	41	24	23	30	23	35	42	39	40	48	47	35	27	25	39	43	46	53	54	54	52	34.1
	MIN	-1	10	3	-8	-11	-19	-5	5	17	29	24	8	10	21	2	4	22	24	15	30	32	25	12	12	10	29	26	28	36	30	27	14.4
SAN HAVEN	MAX	11	17	21	19	11	8	17	35	34	32	36	23	28	28	27	32	41	39	37	45	45	32	21	25	36	43	48	49	47	49	47	31.7
	MIN	-4	7	10	1	-6	-17	-4	8	20	27	16	-5	2	21	12	1	18	21	14	29	32	21	10	11	11	26	25	25	32	30	31	14.0
SHARON	MAX	15	20	21	22	17	13	19	36	33	37	34	32	23	34	31	37	47	40	46	53	39	36	30	35	39	48	55	52	46	53	49	35.2
	MIN	-3	13	-1	2	-6	-12	0	8	23	27	22	11	5	23	11	12	30	28	20	29	34	26	15	15	11	22	21	24	30	30	27	16.0
STANLEY	MAX	10	14	20	18	12	6	35	40	35	49	36	23	24	28	31	48	48	36	47	47	44	34	21	21	36	45	51	55	54	51	54	94.6
	MIN	-5	0	-6	-8	-5	-17	-8	13	16	25	22	6	18	14	4	17	30	20	26	20	20	10	9	9	10	28	23	27	27	26	25	12.8
STEELE	MAX	18	22	21	23	20	21	21	34	36	35	35	33	33	33	25	33	45	44	44	53	49	40	31	32	42	50	54	57	60	58	50	37.2
	MIN	3	14	-3	-5	-5	-10	-2	3	9	28	23	11	19	23	5	5	18	26	14	25	32	28	14	10	15	23	22	24	35	29	22	14.7
TOWNER	MAX	12	21	22	23	12	13	22	38	39	45	35	25	24	29	26	37	39	43	42	47	43	35		27	38	47	52	57	58	53	57	35.7
	MIN	0	9	2	-9	-10	-20	-11	10	10		15	2	14	17	1	8	22		15	28			12	12	13		29	30	28	23	24	10.5
TURTLE LAKE	MAX			18	19	21	14	7	33			42	33	22	31		21	36	46	32					19	28							
	MIN			0	-7	-5	-18		3			27	6	7	19			14	27	18						12							
UNDERWOOD	MAX	17	13	22	20	22	13	9	35	28	35	47	33	24	32	28	30	39	49	33	43	48	47	30	20	30	40	44	50	56	60	58	34.0
	MIN	2	3	-1	-3	-3	-14	-14	5	14	17	28	7	7	20	6	7	12	27	19	20	28	27	13	11	14	15	24	28	32	27	28	13.1
UPHAM 3N	MAX	16	21	25	22	17	13	29	38	38	44	42	24	26	29	27	39	43	39	42	41	41	37	26	32	39	44	49	53	52	53	53	35.3
	MIN	-7	9	5	-10	-11	-22	-12	0	10	27	21	5	3	21	1	-3	14	25	11	22	31	24	12	10	8	28	23	23	35	21		10.8
VALLEY CITY	MAX	20	24	24	26	24	18	22	36	33	38	38	34	30	37	34	40	50	49	48	55	55	49	38	35	41	49	54	54	50	54	52	39.1
	MIN	0	15	3	5	-1	-6	5	6	20	27	25	17	13	29	14	16	26	28	22	30	38	33	16	14	15	26	28	20	32	32	25	18.5
VELVA	MAX	12	22	20	21	14	12	32	39	38	49	44	27	25	27	28	45	50	38	44	48	48	36	27	26	41	45	52	57	59	56	53	36.6
	MIN	4	9	6	-2	-9	-18	-11	8	20	30	25	6	17	21	8	6	31	25	21	29	32	26	7	11	10	30	24	25	36	30	25	15.5
WAHPETON STATE SCHOOL	MAX	23	24	28	30	26	19	17	33	40	43	40	39	32	37	33	37	55	54	45	53	50	49	42	38	40	47	56	55	50	53	46	39.8
	MIN	0	15	6	9	0	-4	5	12	19	29	30	24	17	30	20	16	28	31	23	35	39	32	21	18	18	27	26	25	33	38	35	21.2
WASHBURN	MAX	18	22	21	25	19	14	36	38	38	52	49	35	34	31	30	37	52	40	44	52		42		32	43	50	55	57	64	57	53	39.3
	MIN	6	11	0	-2	-1	-15	-4	9	19	29	25	8	21	21	5	9	25	27	18	28		26	13	11	12	28	24	30	38	25	27	15.8
WATFORD CITY	MAX	18	22	24	22	18	10	38	50	51	58	44	34	32	29	35	54	52	38	52	53	47	34	22	28	42	48	55	62	57	56	59	40.1
	MIN	9	10	-4	10	6	-17	1	14	14	28	28	13	24	19	9	25	32	24	17	30	32	21	13	8	18	31	22	22	29	26	27	17.5
WATFORD CITY 14 S	MAX	20	23	25	25	24	15	43	51	51	62	60	37	33	32	36	57	58	37	54	56	55	48	31	29	43	50		68	58	53	60	43.1
	MIN	10	10	2	11	7	-21	5	14	20	24	31	14	28	20	13	26	35	20	11	30	35	22	14	11	19	29		20	41	24	29	18.5
WESTHOPE	MAX	12	19	20	19	14	6	31	37	33	39	30	17	27	27	20	29	41	35	36	44	40	33	18	26	36	44	50	52	47	53	52	31.8
	MIN	-2	10	6	-5	-12	-22	-9	6	21	28	17	2	5	17	0	6	19	21	22	28	32	17	12	10	12	28	26	29	34	28	29	13.4
WILLISTON WB CITY	MAX	14	19	23	22	14	9	36	48	52	55	34	28	32	26	32	53	48	36	51	51	44	31	18	28	42	49	55	61	55	51	58	37.9
	MIN	8	8	-1	10	-3	-13	-5	17	21	31	15	13	26	14	8	26	33	24	23	33	31	17	13	10	21	30	24	37	35	27	33	18.3
WILLOW CITY	MAX	14	22	20	22	10	4	30	39	33	42	29	21	28	29	26	34	44	35	37	40	44	35	24	28	38	43	47	50	51	52	51	33.0
	MIN	-12	9	7	-7	-13	-21	-14	-4	11	27	18	7	4	20	-2	-10	8	20	-1	20	31	23	12	10	0	26	24	24	34	29	24	9.8
WILTON RR STATION	MAX	21	13	20	17	21	14	8	33	33	36	42	33	24	32	26	24	34	46	31	41	48	38	31	22	29	40	45	48	55	59	48	32.6
	MIN	4	4	1	1	0	-12	-12	7	13	24	28	7	7	20	6	6	10	27	14	18	29	26	12	10	12	16	28	28	33	28	27	13.6
WISHEK	MAX	18	21	21	22	21	15	20	32	41	34	36	34	36	37	25	35	44	43	42	56	53	40	34	32	39	51	52	53		56	50	36.4
	MIN	3	11	-5	3	-2	-3	-8	7	15	26	21	14	18	21	9	12	24	26	18	25	31	28	10	10	17	26	25	21		32	24	15.3

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	2.5	1.0			1.0	T	0.5					T	T	1.8				T		T	2.0		0.2								
	SN ON GND	2	3	3	3	4	4	5	3	2					2	2	-	-	-	-	-	-	-	-	-	-	T					
AMENIA	SNOWFALL		1.0		T			T					T			3.0			T					T								
	SN ON GND	T	1	T	T	T	T	T					T			T	T		T					T								
AMIDON	SNOWFALL	1.5	1.8	0.5	1.5	0.7	0.5	0.5					T		0.6								T	0.5	1.0							
	SN ON GND	2	4	4	5	6	6	7	6	4	2	1	T	T	T	T	T						T	1	2	2	T					
ASHLEY	SNOWFALL		1.5					2.0											T													
	SN ON GND	1	3	3	3	3	3	5	3	1	1	1																				
BEACH	SNOWFALL	2.0	1.0		2.5	2.0	1.0	0.5																1.5	0.5		T					
	SN ON GND	2	3	3	5	7	8	8	6	T	T													1	1							
BELCOURT INDIAN RES	SNOWFALL		1.0	T								T		-	6.0	-								T			T					
	SN ON GND	5	6	6	6	6	6	6	6	6	5	5	5	5	11	11	11	10	9	8	6	4	4	4	4	4	2	1	T	T	T	T
BELFIELD	SNOWFALL	-	-	-	T	-	-																									
	SN ON GND	4	8	10	10	11	12	10	8	6	3	3	2	2	2	1																
BEULAH	SNOWFALL	1.0	3.5					2.0														1.0										
	SN ON GND	1	5	4	4	4	4	6	3	1																						
BISBEE	SNOWFALL		2.5											T	5.0				T				T	T								
	SN ON GND	1	3	3	3	3	3	3							5	5	5	3	3	2												
BISMARCK WB CITY	SNOWFALL	0.6	4.5	0.4		T	0.2	2.0					0.2	T	3.5	3.0			0.2						T							
	SN ON GND	1	5	5	5	5	5	7	6	4	2	1	1	1	5	7	5	4	2	2	1	T	T	T	T	T	T	T	T			
BISMARCK WB AP	SNOWFALL	1.9	3.0			0.2	2.4	0.2					0.2	T	6.1	T			0.5			2.0	0.2	0.8	T							
	SN ON GND	T	4	5	5	5	5	7	5	3	2	1	1	T	2	6	5	4	2	2	1	T	T	T	T	T	T					
	WTR EQUIV		0.2	0.3	-	-	0.3	0.3	0.3	0.3	0.2				0.3	0.6	0.5	-	0.3	-												
BOTTINEAU	SNOWFALL		2.0	2.0					0.2				0.2		1.0	1.0			0.5			1.0	0.5	0.5	0.6		0.5					
	SN ON GND	4	6	8	8	8	8	8	8	6	6	5	5	5	5	5	5	5	5	5	5	5	4	3	3	2	2	2	1	1	1	T
BOWBELLS	SNOWFALL	2.0	0.5	T	T								1.0		-				T			3.0	0.5	0.5			T					
	SN ON GND	5	5	5	5	5	5	5	4	3	3	2	3	3	3	3	3	2	2	2	2	5	5	5	5	5	5	4	3	2	1	
CARSON NO. 2	SNOWFALL	2.0	3.0	T				1.0						*	2.0	2.0						1.0										
	SN ON GND	2	5	5	5	5	5	6	6	5	3	1	1	-	2	4	4	T	T	T	T	1										
CENTER	SNOWFALL	2.0	2.0			T	T	1.5					T	.T	6.0				T			6.0		-								
	SN ON GND	2	4	4	4	4	4	6	4	3	1				6	5	3	T	T	1		2	-	2	-							
CROSBY	SNOWFALL	T	0.4	T	T							2.5	0.6	1.2									0.1	0.3								
	SN ON GND	1	1	1	1	1	1	1	T	T		3	3	4	-	-	-						T	T	T							
DEVILS LAKE WB CITY	SNOWFALL	T	3.1	T	T	T		0.1		T		T	0.5	0.1	1.3	0.3			T				T	0.7	0.2		T					
	SN ON GND	T	1	3	2	2	2	1	2	T	T	T	T	1	1	1	1	1	T	T	T			T	1	T						
DICKINSON CAA AP	SNOWFALL	3.6	1.0	T	0.6	2.1	1.3	0.1				0.3			T	T			0.2				0.2	0.4	T							
	SN ON GND	1	4	5	5	6	7	8	6	4	3	1	T			T	T						T	T	T	T						
DICKINSON EXP STA	SNOWFALL	1.0	4.0	T	0.2	0.7	T	0.1					1.0		T	T			T	T				T	T							
	SN ON GND	1	5	5	5	6	6	6	6	4	T	T	1	T	T	T	T		T	T				T	T							
DUNN CENTER	SNOWFALL	T	5.7	T	T	0.7	T	1.7				T	0.3		T				0.1	T		T	T	0.3	T		T					
	SN ON GND	T	6	6	6	6	6	7	7	6	4	3	3	2	2	2	2	1	1	1	T	T	T	T	T	T	T					
EDMORE 1 W	SNOWFALL		*	1.5											-							T		T								
	SN ON GND	T	-	2	2	2	2	2							T							T										
ELLENDALE	SNOWFALL		1.5	T		T	T	1.0				T	T	T	T	1.0			T					T								
	SN ON GND	3	5	5	5	5	5	6	5	5	4	4	4	4	4	4	4	3	2	2	1	T	T	T	T	T	T	T	T			
FARGO WB AP	SNOWFALL		0.8	0.3	T	T	T	0.2					T	T	1.9	0.4			T			1.0		T	T							
	SN ON GND	T	T	1	1	1	1	1	1	T	T	T	T	T	T	2	2	T					T		T							
	WTR EQUIV															0.2	0.2															
FORT YATES	SNOWFALL	3.0	2.0			0.8	T	1.0							4.0	T			T				T	T								
	SN ON GND	3	5	5	5	5	5	6	4	2	1	T	T	T	4	4	3	1	T	T	T			T								
FOXHOLM 7 N	SNOWFALL		1.0		T							T			1.0				T													
	SN ON GND	-	-	-	-	-	-	-	-	-					1	-																
FULLERTON	SNOWFALL		2.2					1.7							T	0.5			0.3					T								
	SN ON GND	T	2	2	2	2	2	3	1	T	T	T	T	T	T	T	T															
GARRISON	SNOWFALL		2.8	0.4		T	T	0.3	T				T	T	T	1.5				0.4	4.0			0.1	0.1		T					
	SN ON GND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
GRAFTON ST SCHOOL	SNOWFALL		T	1.1				T					0.5		*	1.9								T	T							
	SN ON GND		T	2	2	2	2	2	T	T	T		1	1	-	2	1															
GRAND FORKS CAA AP	SNOWFALL		0.4	0.3	0.1			T					T	T	1.6	1.1			T			T	T	T	T							
	SN ON GND	T	T	1	1	1	1	1	1	T	T	T	T	T	T	3	T	T							T							
GRAND FORKS UNIV	SNOWFALL		0.6	0.3	T			T	T		T		0.2			-			T					T	T							
	SN ON GND	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	1								T							
GRANVILLE	SNOWFALL	T	4.5	T				T				T	T	T	5.0				T			3.0	T	1.0	T		T					
	SN ON GND	2	6	6	6	6	6	6	5	5	3	3	3	3	8	8	7	3	3	1	T	T	T	1	1	1						
HANSBORO	SNOWFALL		1.0	0.3				T				T	T	0.2	4.0				T				T	T			0.5					
	SN ON GND	1	2	2	2	2	2	2	1	1	T	T	T	1	5	5	5	3	3	2	1	T	T	T	T	T						
HETTINGER	SNOWFALL	7.0	2.0		2.0	1.0	1.0	T							0.5							T	T	T								
	SN ON GND	9	11	10	12	13	13	10	8	6	4	2	2	2	2	2	1	1	1	T	T		T	T								
JAMESTOWN CAA AP	SNOWFALL		1.5	T	T	T	0.7	0.9					T	0.3	T	T			0.2				T	0.2	T							
	SN ON GND	T	T	2	1	1	T	1	1	T	T	T	T	T	T	T	T	T		T												
KENSAL WILDLIFE REF	SNOWFALL		1.0					0.3						-	-																	
	SN ON GND		1	1	1									-	-	-																
KILLDEER 8 NW	SNOWFALL	3.0	7.0	T	1.0	0.5	T	2.0				T	T						3.0				T	2.0								
	SN ON GND	3	10	10	11	11	11	13	11	7	4	4	3	2					3	2	2		T	2	1							
MANDAN EXP STA	SNOWFALL	0.1	4.5	0.5		T	0.2	2.2					T		5.5	3.0			0.4	0.1		0.3	T	T	0.3	T						
	SN ON GND	T	5	5	5	4	4	5	3	2	1	T	T	T	6	8	8	6	4	3	1	T	T									
MAYVILLE	SNOWFALL		1.7	T	T	T	T	T					T	T	T	0.3			T			T	T	T	T							
	SN ON GND	T	2	2	2	2	2	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
MC CLUSKY	SNOWFALL	0.5	3.5	T				T					T		5.0				T			0.5		T								
	SN ON GND	1	4	4	4	4	4	4	3	2	1	1	1	1	5	5	4	1	1	1				T								

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MC HENRY 5 N	SNOWFALL		0.7	0.4	T			T					T	T	T	T			T					T								
	SN ON GND		1	1	1	1	1	1	T				T	T	T	T	T							T								
MEDORA 4 NNE	SNOWFALL	3.5	2.0	0.1	0.1	1.5	*	1.8				T	T						T				0.1	4.0								
	SN ON GND	4	5	5	5	6	–	8	4	2	1	1	T	T	T	T			T				T	4	2							
MINOT CAA AP	SNOWFALL	0.7	5.0	T	T		0.1	0.1				T	0.2	T	0.5				T			3.1	0.6	0.9			0.1					
	SN ON GND	1	3	6	6	6	5	5	5	4	2	T	T	T	T	1	1	T	T	T	T	T	2	3	4	3	1	T	T			
MINOT EXP FARM	SNOWFALL	0.5	4.0	1.0	T			T		T		T	0.2	T	1.0				T			3.0	T	0.5								
	SN ON GND	3	7	8	8	8	8	8	6	4	1	1	1	1	2	2	1	1	1	1	T	3	3	4	4	3	T	T	T	T		
MOHALL	SNOWFALL	T	2.3	T									–	0.2	1.3				T			2.0	0.3	T								
	SN ON GND	1	3	3	–	–	–	–	1	1	T	T	1	1	2	–	–					2	2	–	–	–						
MONTPELIER	SNOWFALL		0.7	0.4	T		T	0.4						T	T				T					0.2	T							
	SN ON GND	T	1	1	1	1	1	1	T	T	T	T	T	T	T	T			T					T								
MOTT	SNOWFALL	*	7.0	T	0.5	0.5	0.5	T				T		T	T							1.0		T								
	SN ON GND	–	7	7	7	8	8	7	6	4	2	2	2	1	1	1																
MUNICH 4 SW	SNOWFALL		–	1.5	T			T				T	T	T	1.0				T				T	T			T					
	SN ON GND	T	1	2	2	2	2	2	1	1		T	T	T	1	1	1		T				T	T								
NAPOLEON 1 SE	SNOWFALL	T	2.0	0.1		T	T	1.0					T		2.0	T			0.4					T	0.1							
	SN ON GND	T	2	2	2	2	2	3	3	2	1	T	T	T	2	2	2	1	1	T	T	T	T	T	T							
OAKES	SNOWFALL		0.5	0.5		T		1.0					T			1.0				–				T	T							
	SN ON GND	–	2	2	2	2	2	3	2	–																						
PARSHALL	SNOWFALL	0.5	3.0	0.5			T	T											T			T	T	T								
	SN ON GND	2	5	5	5	5	5	5	4	4	3	2	2	2	1	1																
PETERSBURG	SNOWFALL		1.1		T								1.0		1.8							0.5										
	SN ON GND	3	4	4	4	4	4	3	3	3	2	2	2	1	1	1	1	1	1	1												
PETTIBONE	SNOWFALL	T	2.0	0.7	0.2			0.6				T	T	T	3.0				T					T	T							
	SN ON GND	T	2	3	3	3	3	3	2						2	2	2															
PRETTY ROCK	SNOWFALL	5.0	2.0	T		T	2.0	2.0					T	T	2.0				T	T	T	3.0	T	T		T						
	SN ON GND	5	7	6	5	4	6	8	6	4	3	3	2	2	4	4	4	3	3	2	1	1	1	1	1	1						
RICHARDTON ABBEY	SNOWFALL	3.0	3.0	T	T	0.8	0.1	0.4					0.2		0.2	T			T			1.5	T	0.2	T							
	SN ON GND	3	6	6	6	7	7	6	5	4	2	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T						
RIVERDALE	SNOWFALL		4.0	T			T	0.2	T				T		T	3.0			0.4	T		3.0	0.3	0.3	T							
	SN ON GND	T	4	4	4	4	4	4	3	3	2	T	T	T	T	3	2	1	1	1	T	3	1	1	1	1	T					
ROLLA	SNOWFALL		1.0	0.5								T	1.0	0.5	2.5	0.5			0.4				–	0.5			0.3					
	SN ON GND	3	4	4	4	4	4	4	4	4	3	3	4	4	7	7	7	6	6	5	4	2	–	2	2	2	1	T				
SAN HAVEN	SNOWFALL		1.1	0.4				T	T				T	T	7.5	0.7						T	–	0.7	T		T					
	SN ON GND	5	6	7	7	7	7	7	7	7	7	7	7	7	14	15	15	14	14	13	12	10	10	10	10	9	8	6	4	3	1	T
SHARON	SNOWFALL		1.5	1.0		T						T	0.5	T		T								T								
	SN ON GND	T	1	2	2	2	2	2	T	T	T	T	1	1	T	T	T	T						T								
STANLEY	SNOWFALL		3.5										–									–		–								
	SN ON GND	2	6	6	6	6	6	5	5	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
UPHAM 3 N	SNOWFALL		2.5	T				T	0.5				T	T	5.0	T			T				T	1.0			1.0					
	SN ON GND	–	8	8	–	–	–	7	7	–	–	–	1	1	6	6	–	–	5	–	–	3	3	4	–	–	4	2				
VALLEY CITY	SNOWFALL		1.0	T		T	T	0.2				0.4		T		T								0.2								
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–																		
WAHPETON ST SCHOOL	SNOWFALL		2.0	1.0				T								2.5			T			T	–	T								
	SN ON GND	3	5	6	5	5	5	5	5	3	2	2	1	1	1	3	2	1	1													
WESTHOPE	SNOWFALL		3.5	0.5									2.0	–	2.0							–	0.5	T								
	SN ON GND	–	5	6	–	–	–	–	–	–	–	–	3	–	4	–	–	–	–	–	–	2	1	–	–	–						
WILLISTON WB CITY	SNOWFALL	2.2	1.1	T	0.1	0.5	0.8	T		T		3.5	T	T	T	T			2.1				0.7	1.7	T							
	SN ON GND	T	3	3	3	3	3	4	3	1	T	T	4	4	3	3	3	T	2	T	T	T	T	2	2	T						
	WTR EQUIV		0.2	0.2	0.2	0.3	0.3	0.3	0.3				0.3	0.3	0.2	0.2	0.2		0.2					0.1	0.2							
WILLOW CITY	SNOWFALL		3.0	T									–		7.0							–	T	0.5			1.0					
	SN ON GND	2	5	5	5	5	5	5	3	3	2	2	2	2	9	8	7	5	5	4	3	3	3	3	3	3	3	1	T	T	T	T

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ††	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
ADAMS 7 S	0022	WALSH	10	46 20	96 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 36	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	6A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300	8A	8A	CLOSED - - - - -	10-31-52
BALTA	0500	PIERCE	11	46 10	100 02	1550		4P	ROYCE E. PAULSON	3
BANTRY	0516	MC HENRY	12	46 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 46	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - -	10/1/52
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. OOHAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		MID	W. H HENDRICKSON	3
BURT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	-		MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON NO. 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER P. MADISON	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. MANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2595	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		6P	JOHN PETRYSZAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	6P	6P	EMIL E RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	SOIL CONSERVATIONIST	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ELVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	7A	7A	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	10P	10P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	-		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	D. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N.DAK SOLDIERS HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	K. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J PETERSON	2 3 5 7
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SE INGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS E.CARRIE MURRAY	2 3 5 7
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5 7
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5 7
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3 7
REEDER	7450	ADAMS	3	46 05	102 57	2810		6P	ROBERT CULLEN	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1819	7P	7P	THEO B. FAGERLUND	2 3 5 7
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5 7
# SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - -	9/30/52
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONOAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	THEODORE OCKERT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	6P	6P	CLOSED - - - - - -	8/16/52
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	VIRGIL B. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATONGA, S. D. 8 N	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	ERWIN A. VENTSCH	2 3 5
WATFORD CITY 14 S	9246	MC KENZIE	7	47 36	103 17	-	5P	5P	THEO. ROOSEVELT NMP	2 3 5

WATFORD CITY 14 S RECORD IS A CONTINUATION OF WATFORD [illegible] SE.

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD.

DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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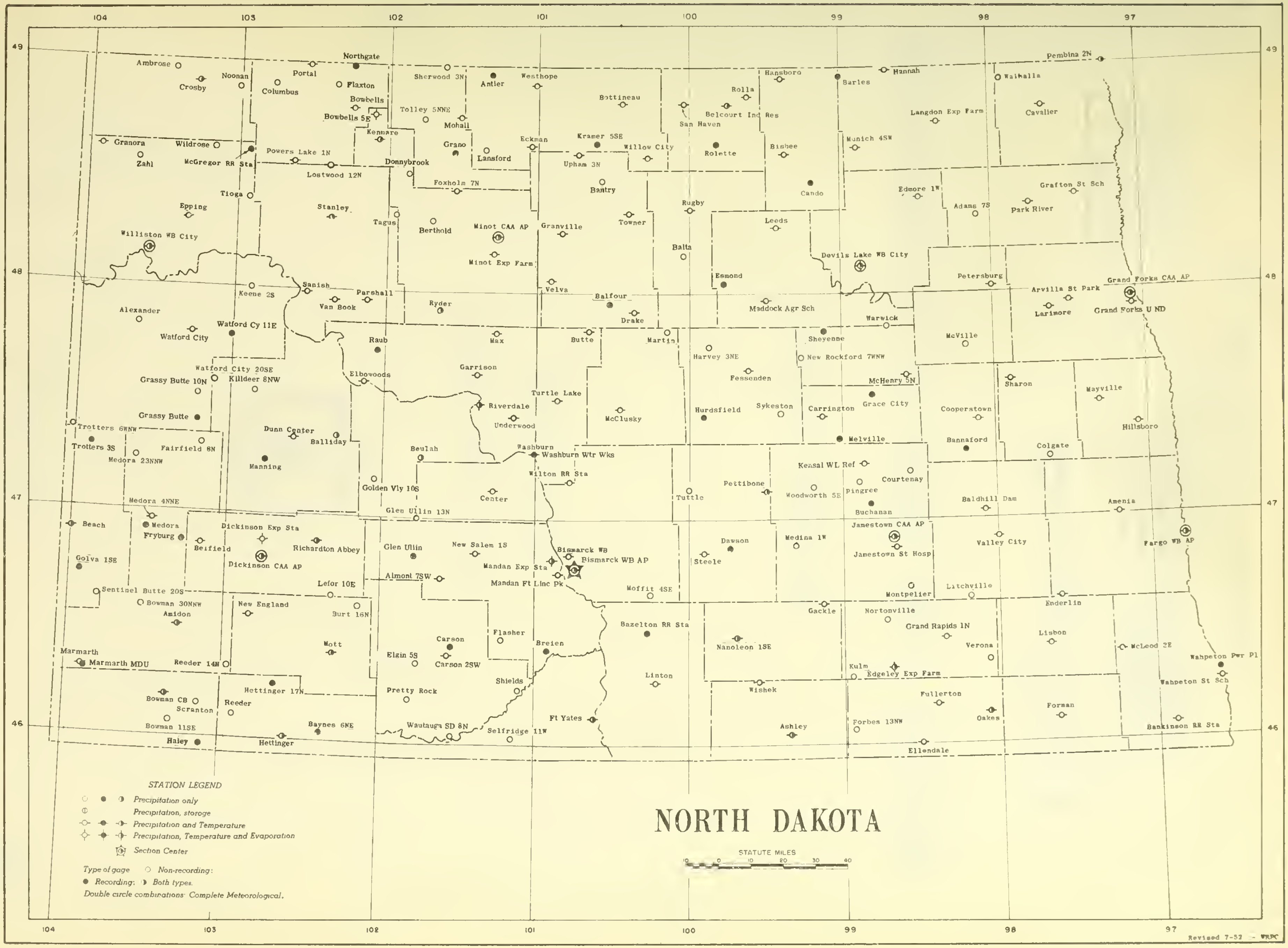
WRPC, KANSAS CITY, MO., -- 5-21-53 -- 865

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

JUN 23 1953

APRIL 1953
Volume LXII No. 4

KANSAS CITY: 1953

~~NAT. HIST.~~

NORTH DAKOTA - APRIL 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

April was characterized by abundant precipitation, much of it in the form of snow, and by much below normal temperatures. Spring seeding made generally rapid progress until delays caused by the wet weather during the last week brought the season to about one day later than average. Greatest delays were encountered in the northwest portion of the state.

The mean temperature for the state was 36.3 degrees which is 5.0 degrees below normal. The eastern division reported 37.4 degrees which is 3.8 degrees below normal; the middle division averaged 35.8 degrees which is 5.5 degrees below normal, and the western division averaged 35.6 degrees which is 5.9 degrees below normal. This is the eighth coldest April since 1892. The highest temperatures occurred almost without exception on the 21st. Fullerton reported the highest temperature with 83 degrees. The coldest period was from the 15th to 18th with most stations reporting lowest readings on the 17th from 0 to 10 above. Belcourt reported the lowest temperature with 0 degrees on that day. That week was one of the coldest mid-April weeks of record with many stations having lowest temperatures of record for that day. Mean temperatures ranged from 40.8 degrees at Wahpeton to 32.4 degrees at Lostwood.

Precipitation over the state averaged 2.58 inches which is 1.16 inches above normal. The eastern division averaged 2.88 inches which is 1.17 inches above normal; the middle division averaged 2.53 inches which is 1.20 inches above normal, and the western division averaged 2.33 inches which is 1.12 inches above normal. This is the wettest April since 1896 when 3.80 inches was recorded. Two other Aprils, 1892 with 2.65 inches and 1894 with 3.03 inches, also averaged wetter. Precipitation ranged from 4.75 inches at Fullerton to 0.99 inch at Portal. Heaviest precipitation occurred at most stations on the 24th and 25th and again at the close of the month. Upham reported 3.87 inches on the 24th for the greatest amount in a single day. Considerable snow fell in the northeastern, north-central and west-central portions of the state. Tagus reported 20.6 inches of snow for the greatest amount at any station. Many stations in these areas reported from 8 to 16 inches of snow. The average snowfall for the state was 4.8 inches. The middle division recorded the greatest average snowfall with 7.4 inches.

It was in general a favorable month for outdoor activity and spring seeding got off to an early start with the season about a week earlier than normal in most sections. In some northwestern sections of the state some winter frost was still in a few fields at mid-month. Cold weather in the middle of the month delayed seeding further to make the season only about 4 or 5 days ahead of normal. The extremely cold weather apparently did little damage to a few early seeded crops which had already emerged. Topsoil moisture was generally adequate to start the crop; however, it was generally considered too short over the northern half of the state. Subsoil moisture continued to be very short over the entire state. The entire weather picture, however, changed abrupty on the 24th when heavy rain and snow brought a decisive end to the general drouth conditions that had continued since early last fall. This period was followed a week later by another period of heavy rains which carried over into May. These rains were extremely beneficial in that they fell over a long period of time and with much snow so that very little run-off occurred. All of it soaked into the ground so that subsoil moisture was considered adequate or better in all but four counties. The wet weather of course delayed seeding again. The northwest portion of the state continued to be the farthest behind and in a few areas seeding was just barely begun. Pastures continued to be very slow during the month due to the cold weather and some feed shortages developed in a few scattered areas. Livestock continued to be in generally good condition.

Heavy snow in the north-central and northeast portions of the state on the 24th and 25th interrupted traffic for several hours on main highways as well as secondary roads. Minor damage to buildings occurred in some areas due to heavy snow accumulations. A barn roof near Munich was reported to have caved in from the heavy wet snow. High winds, particularly on the 16th, caused considerable soil blowing in many areas though very little damage was reported on seeded fields. There were no floods reported in the state during the month.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	E	18	13.9	50	E	23	78	84	55	57	9	6	2	1	1	0	19	40	7.8
DEVILS LAKE WB CITY	–	–	10.8	35	NW	22	–	–	–	–	5	7	2	0	1	0	15	59	7.3
FARGO WB AP	NNW	21	14.3	46	NW	16	76	81	56	56	6	4	5	1	1	0	17	44	7.9
WILLISTON WB CITY	–	–	8.4	33	W	15	69	76	53	54	13	3	3	2	0	0	21	55	7.7

Table 1

COMPARATIVE DATA

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	37.6	75	- 2	2.65	6.3	7
1893	34.3	77	- 8	1.70	7.8	6
1894	42.8	92	12	3.03	4.4	9
1895	49.6	87	10	2.23	0.0	5
1896	40.1	92	2	3.80	5.1	9
1897	40.8	93	7	1.08	1.1	5
1898	41.9	87	- 4	1.38	0.5	5
1899	38.0	86	-22	1.36	6.3	6
1900	49.3	93	11	0.85	T	3
1901	44.5	92	10	0.98	0.3	4
1902	40.2	87	- 2	1.06	2.9	3
1903	42.5	83	8	1.23	2.7	5
1904	37.4	91	2	1.38	8.1	5
1905	40.2	83	3	0.51	3.7	3
1906	46.7	88	8	1.50	1.3	5
1907	31.9	80	- 6	0.52	4.2	4
1908	43.9	91	-19	1.52	5.9	5
1909	34.2	80	3	0.77	5.1	6
1910	48.0	96	4	1.37	2.9	4
1911	41.5	90	- 5	1.19	6.3	5
1912	44.4	88	2	2.35	1.7	7
1913	46.8	94	11	0.64	2.4	4
1914	40.9	84	2	1.46	2.8	6
1915	50.3	99	5	1.03	T	5
1916	39.2	79	- 6	1.44	2.9	5
1917	37.2	73	5	1.68	5.6	7
1918	41.4	81	0	2.18	3.0	7
1919	42.3	79	6	1.52	6.2	6
1920	32.1	63	-11	0.84	2.1	5
1921	41.1	91	1	1.77	3.8	7
1922	42.3	89	- 2	0.92	2.3	6
1923	38.7	89	-15	1.45	7.2	5
1924	39.3	84	6	2.53	7.5	9
1925	47.8	85	10	1.60	T	6
1928	42.8	98	- 4	0.28	0.9	3
1927	41.4	95	7	1.73	2.3	7
1928	35.9	84	- 6	0.91	5.0	5
1929	41.5	85	- 9	1.31	3.4	6
1930	47.3	86	8	1.25	0.5	6
1931	44.1	87	3	0.43	0.7	2
1932	44.1	79	0	2.14	0.7	8
1933	40.0	84	2	1.33	7.3	5
1934	43.7	95	7	0.44	1.9	3
1935	38.4	83	0	1.93	3.6	8
1936	35.6	87	-15	0.39	0.5	4
1937	40.7	79	2	2.02	5.8	8
1938	42.8	90	1	1.09	0.1	5
1939	41.6	90	- 1	0.87	0.8	6
1940	37.8	78	- 9	2.22	4.1	8
1941	44.1	82	6	2.30	1.6	13
1942	44.9	90	- 6	1.98	3.3	7
1943	44.9	83	11	1.48	0.1	5
1944	40.8	77	-11	0.80	0.2	4
1945	38.0	80	6	1.10	4.5	6
1946	48.2	87	9	0.67	2.4	4
1947	39.9	90	0	1.48	6.8	8
1948	40.3	85	-13	2.15	5.0	6
1949	47.2	96	5	0.45	T	2
1950	32.6	83	- 9	1.38	9.5	7
1951	38.6	84	5	.81	3.1	6
1952	48.5	99	8	.13	0.2	1
1953	36.3	83	0	2.58	4.8	8

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

TABLE 2

CLIMATOLOGICAL DATA

NORTH DAKOTA
APRIL 1953

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	49.6	28.7	39.2	-2.4	79	21	10	17	768	0	0	21	0	3.23	1.48	1.06	25	T	T	8+	8	2	1
ARVILLA STATE PARK	49.9	26.2	38.1		77	21	9	17	799	0	0	23	0	1.95		.65	30	.0	0		7	2	0
CARRINGTON	46.2	21.8	34.0	-5.6	76	22	6	18		0	2	27	0	4.33	3.00	1.40	25	10.0	4	25	8	3	2
CAVALIER	49.8	26.7	38.3	- .9	72	21	11	17	797	0	1	25	0	2.97	1.58	1.92	24	8.0	5	24	8	2	1
COOPERSTOWN	48.7	25.8	37.3	-3.0	76	21	8	17	827	0	1	25	0	1.21	- .18	.38	25	T	0		6	0	0
DEVILS LAKE WB CITY R	45.6	25.7	35.7	-4.3	75	21	8	17	871	0	2	26	0	2.31	.87	1.47	24	4.9	2	25	10	1	1
EDGELEY EXP FARM	47.3	27.0	37.2	-5.4	80	22	10	16+		0	1	27	0	3.67	1.92	1.53	30	.0	0		8		
EDMORE 1 W	47.3	23.3	35.3	-4.0	77	21	3	17	886	0	1	27	0	2.90	1.64	2.43	24	6.6	7	24	5	1	1
ELLENDALE	51.0	29.4	40.2	-2.5	81	21	11	17	736	0	1	19	0	4.65	2.79	1.75	24	T	0		7	3	2
ENDERLIN	47.8	26.7	37.3		78	22	10	17		0	2	23	0	2.91		1.13	25		2	11	8	2	1
FARGO WB AP R //	47.1	27.8	37.5	-4.6	73	21	9	17	819	0	1	22	0	2.94	1.06	1.04	30	.9	T	3+	11	2	1
FORMAN	50.4	28.7	39.6	-4.4	81	21	9	17	755	0	0	22	0	3.05	1.04	.88	24	1.0	0		9	2	0
FULLERTON	50.5	29.3	39.9	-2.8	83	21	9	17+	744	0	1	18	0	4.75	2.61	1.97	24	T	0		7	3	2
GACKLE	47.1	25.6	36.4	-5.7	76	21	9	16+	854	0	1	24	0	3.17	1.63	1.83	24	T	T	8+	6	1	1
GRAFTON STATE SCHOOL	50.5	23.7	37.1	-3.5	72	21	7	18	831	0	0	27	0	3.09	1.75	1.78	24	2.2	0		7	2	1
GRAND FORKS CAA AP	47.1	27.6	37.4	-3.9	72	21	11	17	822	0	2	23	0	1.51	- .15	.43	30	4.7	T	8+	11	0	0
GRAND FORKS UNIV	48.2	29.7	39.0	-2.3	71	21	12	17	776	0	1	19	0	2.32	.66	.69	30	1.7	0		10	2	0
GRAND RAPIDS 1 N	50.9	27.5	39.2		82	21	7	17	766	0	0	23	0	4.38		1.48	24	T	T	16	9	2	2
HANKINSON R R STA	48.1	28.3	38.2M	-5.3	80	22	12	17		0	1	21	0	3.25	1.24	1.48	25	.0	0		7	2	1
HANNAH	45.9	21.4	33.7	-4.2	73	21	2	17	931	0	1	29	0	1.20	.08	1.00	24		8	24	6	1	1
HILLSBORO	48.3	28.1	38.2	-4.0	72	21	10	17	797	0	1	22	0	3.11	1.23	1.25	30	T	0		8	2	1
JAMESTOWN CAA AP	47.3	25.9	36.6	-5.1	79	21	8	17	846	0	1	26	0	4.11	2.41	1.85	24	5.3	1	8+	11	2	2
JAMESTOWN STATE HOSP	47.9	27.2	37.6	-4.1	79	21	10	16+	817	0	1	24	0	3.09	1.39	1.21	24	T	0		8	2	2
KENSAL WILDLIFE REF	49.6	22.6	36.1M		80	21	5	17	860	0	1		0	3.04		1.40	24	3.0	3	24	8	2	1
LANGDON EXP FARM	47.7	21.1	34.4	-3.2	74	21	1	17	910	0	2	28	0	2.73	1.50	2.10	24	19.4	17	24	9	1	1
LARIMORE	48.4	27.4	37.9	-2.3	76	21	8	17	807	0	1	22	0	2.30	.70	.70	24	T	0		7	2	0
LISBON	46.3	26.7	36.5	-5.6	76	21	9	17	848	0	2	26	0	3.29	1.36	.95	24	T	0		8	3	0
MAYVILLE	48.5	28.3	38.4	-4.1	74	21	9	17	791	0	0	20	0	2.32	.77	.81	30	.2	T	8+	7	1	0
MC HENRY 5 N	46.6	23.3	35.0	-5.6	76	21	6	16+	895	0	1	27	0	1.20	- .17	.76	24	4.1	2	24+	9	1	0
MC LEOD 3 E	51.2	28.0	39.6M	-4.0	79	21	5	16	754	0	0	23	0	2.08	.09	.50	30	T	0		9	1	0
MUNICH 4 SW	44.3	21.7	33.0		73	21	4	17	951	0	2	29	0	2.55		2.34	24		12	24	6	1	1
OAKES	48.1	27.2	37.7	-5.1	79	22	10	17		0	1	25	0	4.04	2.17	1.76	25	T	0		11	2	2
PARK RIVER	49.6	27.5	38.6	-1.9	76	21	9	17	785	0	1	24	0	3.73	2.41	2.00	24	.0	0		7	2	2
PEMBINA 2 N	50.9	25.8	38.4	- .1	69	21+	9	17	792	0	1	25	0	1.50	.24	.80	24	.0	0		7	1	0
PETERSBURG	48.1	24.6	36.4		76	21	4	17	851	0	1	26	0	2.61	1.22	1.31	24	7.0	2	9+	10	2	1
SHARON	47.9	26.6	37.3	-2.3	75	21	7	17	827	0	0	25	0	2.20	.72	.82	24	.6	T	8+	7	1	0
VALLEY CITY	50.2	28.5	39.4	-3.0	79	21	11	17	762	0	0	22	0	2.17	.44	.77	24	T	0		10	1	0
WAHPETON STATE SCHOOL	51.4	30.1	40.8	-3.4	74	21	10	17	723	0	0	18	0	3.55	1.47	1.05	30	T	0		11	2	1
DIVISION			37.4	-3.8										2.88	1.17			2.3					
MIDDLE DIVISION																							
ASHLEY	47.9	26.0	37.0	-5.4	79	21	7	17	833	0	1	23	0	2.21	.60	1.21	24	T	T	8	8	1	1
BELCOURT INDIAN RES	44.4	21.2	32.8		72	21	0	17	958	0	1	27	1	1.43		.97	24	11.0	10	24	3	1	0
BISBEE	45.0	24.2	34.6	-6.1	74	21	7	17	905	0	1	27	0	2.36	1.17	1.90	24	10.0	10	24	4	1	1
BISMARCK WB CITY R	48.2	27.8	38.0	-5.1	76	22	11	16+		0	2	23	0	2.28	1.09	.79	30	4.8	2	25	9	3	0
BISMARCK WB AIRPORT	47.6	26.8	37.2	-6.1	79	21	10	16+	826	0	1	24	0	2.44	1.05	1.00	24	2.9	1	25	10	2	1
BOTTINEAU	45.4	23.2	34.3	-4.7	73	22	4	17		0	2	28	0	1.77	.93	1.31	24	6.1	3	24+	8	1	1
BUTTE	44.6	25.0	34.8M	-6.5	74	22	8	16+		0	2	23	0	1.59	.29	.90	25	8.0	8	25	5	1	0
CARSON NO. 2	46.3	25.0	35.7M	-6.8	75	22	9	16		0	3	22	0	2.25	.90	.75	25	7.1	5	25	11	2	0
CENTER	47.8	24.1	36.0	-6.8	75	21	7	17	863	0	1	25	0	2.31	1.08	1.05	24	10.0	8	25	5	2	1
DRAKE	45.8	25.5	35.7M	-4.7	74	22	10	16+		0	2	25	0	1.52	.35	.88	25	11.0	7	25	5	2	0
ECKMAN	46.2	22.9	34.6	-5.8	75	22	4	17		0	2	28	0	2.24	1.33	1.50	24	10.0	6	25	4	2	1
FESSENDEN	48.7	23.2	36.0	-4.4	77	21	5	17	862	0	0	28	0	2.58	1.26	1.74	24	6.5	4	24+	8	1	1
FORT YATES	50.0	27.0	38.5	-6.3	78	21	9	17	785	0	0	22	0	2.98	1.63	.80	24	2.7	1	8+	10	3	0
FOXHOLM 7 N	46.8	23.9	35.4	-5.4	71	21	8	16+	884	0	1	26	0	2.67	1.42	1.90	24				3	1	1
GARRISON	45.3	24.7	35.0	-7.1	74	22	8	16		0	2	24	0	1.43	.27	.42	30	4.8			5	0	0
GRANVILLE	48.5	25.0	36.8M	-4.0	76	21	8	17	840	0	1	25	0	2.54	1.60	1.80	24	10.0	8	24	5	1	1
HANSBORO	46.3	24.4	35.4M	-3.2	74	21	6	17	884	0	1	28	0	1.56	.31	1.30	24	8.5	8	24	3	1	1
LEEDS	47.1	25.1	36.1		75	21	6	17	856	0	1	26	0	3.71		2.82	24		8	24	7	2	1
LINTON	49.6	26.6	38.1	-4.7	79	21	9	17+	797	0	1	23	0	3.74	2.46	1.65	24	T	T	8+	11	2	1
MADDOCK AGR SCHOOL	49.0	24.1	36.6	-4.0	77	21	6	17	844	0	0	27	0	2.47	1.35	1.56	24		0	10	10	1	1
MANDAN EXP STATION	47.1	26.1	36.6	-6.0	78	22	9	16		0	2	24	0	1.81	.53	.74	30	2.6	0		7	1	0
MANDAN FT LINCOLN PARK	50.4	25.6	38.0M		80	21	9	16+	799	0	0	24	0	2.72		.97	24	6.0	1	8	6	2	0
MAX	44.2	23.5	33.9M	-6.7			8	16+		0	2		0	1.57	.32	.50	25	3.7	0		9	1	0
MC CLUSKY	45.5	24.6	35.1	-6.0	74	21	5	16	891	0	1	24	0	4.12	2.88	2.62	24	15.0	10	25	10	3	1
MINOT CAA AP	43.8	25.7	34.8	-6.0	73	21	8	17	900	0	2	24	0	3.27	2.05	1.91	24	16.4	7	25	8	3	1
MINOT EXP FARM	46.5	24.8	35.7		74	21	7	17	871	0	1	25	0	3.11		2.32	24	11.0	11	24	6	2	1
MOFFITT 4 SE	45.2	22.3	33.8M		74	21	2	17	930	0	3		0	2.50		1.28	24	1.9	1	8+	9	2	1
MOHALL	46.9	24.6	35.8	-4.6	74	21	8	17	870	0	2	25	0	1.93	.97	1.12	24	5.5	3	24	6	2	1
NAPOLEON 1 SE	47.4	25.2	36.3	-5.1	77	21	6	17	855	0	0	25	0	2.18	.67	1.30	24	T	T	8+	9	1	1
NEW SALEM 1 S	46.8	24.7	35.8	-6.5	76	21	7	16	874	0	1	24	0	2.61	1.46	1.00	24	8.5	4	24	9	2	1
PETTIBONE	46.1	25.7	35.9	-4.9	76	21	7	17	867	0	1	26	0	2.20	1.04	1.54	24	12.3	5	24+	11	1	1
RIVERDALE	45.2	25.6	35.4		73	22	9	16		0	3	24	0	1.80		.58	24		6	25	8	2	0
ROLLA	45.1	24.5	34.8	-5.0	74	21	9	16+	900	0	2	25	0	2.59	1.38	1.91	24	12.3	10	24	6	1	1
RUGBY	48.1	26.4	37.3		74	21+	9	17	827	0	2	26	0	2.74	1.75	2.13	24				8	1	1
SAN HAVEN	45.0	24.7	34.9	-4.6	72	21	4	17	898	0	1	27	0	1.48	.64	1.12	24	10.6	5	24	6	1	1
STEELE	47.8	24.8	36.3	-6.4	72	21	6	16	854	0	1	27	0	3.15	1.97	2.04	24	5.0	5	24	7	1	1
TOWNER	48.1	24.3	36.2	-5.6	76	21	8	17	856	0	2	27	0	3.49	2.49	2.70	24	16.0	10	25	3	2	1
TURTLE LAKE					74	21				0			0										
UNDERWOOD	45.3	25.1	35.2	-8.6	73	22	8	16		0	2	23	0	2.50	1.43	.94	25		11	25	9	3	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
UPHAM 3 N	51.0	22.2	36.6M		78	21	5	17	847	0	0		0	4.49		3.87	24	11.5	12	24	5	1	1
UPHAM 3 W	47.4	23.5	35.5		75	21	5	17	878	0	1	27	0	4.00		3.50	24		12	24	4	1	1
VELVA	47.5	25.1	36.3	-5.1	75	21	9	17	853	0	1	24	0	2.69	1.60	1.70	24	10.0	6	24+	6	1	1
WASHBURN	49.2	25.5	37.4	-5.9	76	21	8	16	823	0	0	23	0	3.13	2.06	1.56	24				7	2	1
WESTHOPE	46.7	24.4	35.6	-4.3	73	21	8	17	877	0	2	25	0	1.48	.61	.96	24	3.0	2	24	5	1	0
WILLOW CITY	47.2	24.0	35.6	-4.0	75	21	6	17	874	0	1	26	0	2.32	1.36	1.94	24	7.0	7	24	4	1	1
WILTON R R STATION	44.1	24.5	34.3	-7.9	73	22	7	16		0	3	24	0	3.59	2.47	1.81	30	7.6	7	25	7	3	1
WISHEK	47.6	23.5	35.6	-5.9	76	21	3	16	880	0	1	23	0	3.05	1.65	1.80	24	.0	0		9	1	1
DIVISION			35.8	-5.5										2.53	1.20			7.4					
WESTERN DIVISION																							
ALMONT 7 SW	47.6	26.1	36.9		76	21	8	16	838	0	1	24	0	2.16		1.03	30				12	1	1
AMIDON	44.6	24.9	34.8	-6.6	70	22	10	15+		0	5	23	0	1.70	.38	.70	30	2.3	2	9	9	1	0
BEACH	45.6	23.8	34.7	-7.5	70	22	9	16+		0	5	24	0	2.86	1.68	1.09	30				11	2	1
BELFIELD	46.2	23.0	34.6	-7.5	74	21	8	15+	906	0	2	26	0	2.73	1.44	.76	30		2	8	12	3	0
BOWBELLS	45.5	23.1	34.3M	-5.0	72	22	7	16+		0	2	26	0	1.51	.45	.53	25	4.5	3	25	5	2	0
BOWMAN COURT HOUSE	48.4	24.1	36.3	-6.2	75	23	10	16+	854	0	1	24	0	2.12	.89	.54	30				9	1	0
CROSBY	46.4	23.3	34.9	-5.0	70	21	6	16	900	0	2	27	0	1.65	.72	.63	24	T	T	2+	6	1	0
DICKINSON CAA AP	44.7	23.9	34.3	-7.5	74	21	9	16	915	0	4	24	0	3.24	2.04	.80	29	11.2	2	9	14	3	0
DICKINSON EXP STA	46.4	24.5	35.5	-6.3	73	22	9	16+		0	3	23	0	3.50	2.30	1.05	24	5.1	3	25	15	3	1
DUNN CENTER	46.5	22.0	34.3	-7.2	76	22	6	16		0	2	25	0	2.51	1.25	.80	24		1	9+	10	2	0
ELBOWOODS	50.0	27.8	38.9M	-4.1	76	21	6	17	771	0	1	20	0	2.45	1.44	1.30	24	T	T	24	5	2	2
EPPING	47.7	23.2	35.5M	-6.2	73	21	4	15	869	0	2	26	0	1.48	.49	.65	30		0		3	2	0
GRENORA	47.4	23.4	35.4M	-3.9	68	21	5	16	891	0	2		0	2.12	1.09	1.19	30	1.2	T	13+	6		1
HETTINGER	46.4	25.7	36.1M	-6.8	77	21	10	16+	866	0	2	22	0	2.48	1.42	.62	29	3.5	1	8+	10	3	0
KENMARE	46.0	22.9	34.5	-5.7	73	22	5	16		0	2	24	0	1.70	.78	.95	24				5	1	0
LOSTWOOD 12 N	43.9	20.9	32.4		71	21	2	17	972	0	2	27	0	1.61		.75	24	9.5	6	24	6	2	0
MARMARTH	49.4	26.1	37.8	-5.4	75	21+	13	18	810	0	1	20	0	2.22	1.15	.54	29	7.6			13	1	0
MEDORA 4 NNE	49.2	25.4	37.3		72	21	9	15+	824	0	1	20	0	2.47		.92	24	.5	T	10+	11	2	0
MOTT	47.1	24.8	36.0	-6.3	72	21	9	18	865	0	1	24	0	1.86	.64	.55	30	8.5	2	9	12	2	0
NEW ENGLAND	46.7	24.9	35.8	-6.6	71	21	9	16	868	0	2	23	0	3.84	2.64	1.09	30		0		9	3	1
NEWTOWN	47.0	24.9	36.0M	-5.7	74	21	9	16+	866	0	1	26	0	2.59	1.47	1.37	24	2.0	T	24	5	2	1
PARSHALL	47.1	23.6	35.4	-3.6	75	21	4	17	879	0	1	25	0	2.30	1.23	1.48	24	5.8	5	24	7	2	1
PORTAL	46.3	22.8	34.6M	-6.0	70	22	5	16		0	2		0	.99	.05	.42	24	3.0	1	14+	5	0	0
POWERS LAKE 1 N	44.0	23.6	33.8	-6.2	72	21	4	16	929	0	2	25	0	1.56	.42	1.00	24	3.5	4	24	4	1	1
RICHARDTON ABBEY	47.3	25.5	36.4	-5.0	74	21	7	16	852	0	1	24	0	3.83	2.61	1.34	24	19.5	5	24+	12	2	2
STANLEY	44.2	23.1	33.7		70	21	5	16	934	0	1	26	0	2.31	1.14	1.53	24		0		5	2	1
WATFORD CITY	47.3	25.8	36.6M	-4.8	72	21	8	16	836	0	1	24	0	3.28	2.11	1.28	30				10	3	1
WATFORD CITY 14 S	50.4	26.2	38.3M		76	21	9	16	793	0	0		0	2.50		1.32	24	T	0		4	2	1
WILLISTON WB CITY R //	45.4	26.6	36.0	-6.9	71	21	9	16	861	0	2	21	0	2.01	.94	.63	30	1.4	T	10+	8	2	0
DIVISION			35.6	-5.9										2.33	1.12			4.7					
STATE			36.3	-5.0										2.58	1.16			4.8					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
APRIL 1953

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	2.74								.04	.05	.02			.03			T		T						1.92	.08					.60	
ALEXANDER	2.62								.05	.06	.01			.04										.06	.73	.03		.06	.05	.53	1.00	
ALMONT 7 SW	2.16	.03							.21	.04	.01	.02	T			.02	T						.03		.42	.05		.09		.21	1.03	
AMBROSE	1.91											T	T	T	.06	T								.28	.52	.09		.04		.04	.88	
AMENIA	3.23		.03					.10	.47	.22				T											.38	1.06				.07	.90	
AMIDON R	1.70		.03	T			T	.18	.07	.09	T	T				T	T								.35	.13	T	.05		.10	.70	
ARVILLA STATE PARK	1.95			T					.18	.21	.01	T					.03								.54	.33					.65	
ASHLEY	2.21					T		.04	.15	T	T				.06								T	.07	1.21	.09				.17	.42	
BALTA	2.50									.10	T	T	T		T		.05								1.80	.30				T	.25	
BANTRY	4.06													T			T							T	2.94	.40					.72	
BEACH R	2.86							.37	.08	.17	T	.01			.13	.04	T						T		.57	.28		.03		.09	1.09	
BELCOURT INDIAN RES R	1.43													T	.10		T							T	.97					T	.36	
BELFIELD	2.73						.07	.03	.28	.08	.04	.03		T	T	.02	T						T	.22	.56			T	.08	.56	.76	
BERTHOLD	3.12			.01							.02		.01		T	.01	T	.01							2.17	.26				.02	.61	
BEULAH R	2.58								.09	.05						T									.86	.15			.03	.12	1.28	
BISBEE	2.36									T				.02		T								T	1.90	.03				T	.41	
BISMARCK WB CITY	2.28								.08	.05					.02	.03	.02	T							.55	.71	T			.03	.79	
BISMARCK WB AIRPORT R	2.44		T			T		.02	.18	.02	T	T		.02	T	.03	T	T					T	T	1.00	.06			.01	.43	.67	
BISMARCK 12 ENE	2.56								.12	.06	.02			.01											1.24	.10			.01	.19	.81	
BOTTINEAU	1.77		.01							T	T	T	.01	.06	.03		.01								1.31	.18					.16	
BOWBELLS	1.51										T				.08	T	T	T							.50	.53	.02	T			.38	
BOWMAN COURT HOUSE	2.12	T					.25	.05	.35	.04	T				T	T									.26	.05		.18		.40	.54	
BOWMAN 11 SE	2.26						.27	.09	.35		.05	.02	.02	.01										.16	.25	.03		.03	T	.61	.37	
BOWMAN 30 NNW	2.37						*	.20	.22	.30					.05									T	.44					.42	.74	
BURT 16 N	1.79	.03							.12			T												.32	.02			.05		.50	.75	
BUTTE	1.59									T	T	T		T	.04		.04								.45	.90					.16	
CARRINGTON	4.33		.24						T	.66	T	.20			.18	T	.17								1.04	1.40					.44	
CARSON NO 2	2.25		.02						.12	.17	T	.01			T	T	.02						.02		.25	.75	T	.09		.17	.63	
CAVALIER	2.97		.01						.05	.16	.02	.03			.14		T		T			T		T	1.92						.64	
CENTER	2.31									.10	T		T		T	T									1.05	.35			T	.18	.63	
COLGATE	1.69		.02						.35	.13	.02														.27	.53					.37	
COLUMBUS	1.40														.02									.10	.57	.19		.02		.10	.40	
COOPERSTOWN	1.21		.07						.12	.18	T	T					T		T						.33	.38					.13	
COURTENAY	1.56	T	T						.14		.15			.02										T	.62	.15				.03	.45	
CROSBY R	1.65		T							T	T			T	.11	T	T							.16	.63	.10				.20	.45	
DEVILS LAKE WB CITY R	2.31		T		T				.09	.06	T	T		.07	.02	.03			T					.17	1.47	.02				.07	.31	
DICKINSON CAA	3.24	.09	T				.02	.03	.29	.04	.01	.01	T	T	.02	.01						T	T	.67	.43	T		T	.06	.80	.76	
DICKINSON EXP STA	3.50		.04	T			T	.04	.08	.56	.04	.03		T	T	.04	.01						.01		1.05	.45	T	.08	.01	.22	.84	
DONNYBROOK	2.46	–			T																T			.68	.98	.35	T			.21	.24	
DRAKE	1.52									.03	T			T			.04								.55	.88					.02	
DUNN CENTER	2.51								T	.13		T		T	.16	.05	.02								.80	.39	T	.04	.03	.15	.74	
ECKMAN	2.24			T							T			T	.04		T								1.50	.50					.20	
EDGELEY EXP FARM	3.67		.07						*	•	.64						.02								•	1.41					1.53	
EDMORE 1 W	2.90	T	T						*	.12		T			.09		T							T	2.43			T			.26	
ELBOWOODS	2.45								.01	.02			T			T									1.30					.12	1.00	
ELGIN 5 S	2.43	T	T		T	T	T	T	.35	T	T	T	T	T	T		T	T					T	T	.40	.39		.09	T	.49	.71	
ELLENDALE	4.65	T					T	.09	.51	.10	T			T			T								1.75	.49	T		T	.01	1.70	
ENDERLIN	2.91	T		.09					.36	.41	.02	.09					T									1.13	.11				.70	
EPPING	1.48																								.52					.31	.65	
FAIRFIELD	3.46						T		.03	.01	.02		T	.08	.05	.20	.10						T	.30	.83	.01	T	T	.03	.76	1.04	
FARGO WB AIRPORT R //	2.94	T	.16	.01				.23	.39	.01	T	.05		T	T		.01		T						.68	.25			T	.11	1.04	
FESSENDEN	2.58								.02	.15				.04		T	.03								1.74	.26				.02	.37	
FLASHER	1.95		.05						.09	.10		.02				.01									.42	.48					.78	
FLAXTON	1.28		T	T						T	.03		T	T	.05	T	T	.02						.05	.50	.15	T	T		.04	.44	
FORBES 13 NW	2.81	T						.11	.09	.06		T	T		.04		.03							T	1.17	.23				.06	1.02	
FORMAN	3.05		.12	.08				.15	.43	.14							T								.88	.80				.06	.39	
FORT YATES R	2.98	T		T				.02	.51	.08	.01			.04		T									.80	.31		.12		.39	.70	
FOXHOLM 7 N	2.67																								1.90	.40				T	.37	
FULLERTON	4.75	T						.03	.52	.14				T			T								1.97	.38				.06	1.65	
GACKLE	3.17							T	.36	.11	T					T	T								1.83	.36				.03	.48	
GARRISON	1.43		T							.06		T	T	T	.12		T								.44	.39	T				.42	
GLEN ULLIN 13 N	3.39	T							.20	.13	T		T			T	T								1.51	.25	T			.29	1.01	
GOLDEN VALLEY 10S	2.68								.01	.06	.03	T													.93	.22		.02	T	.45	.96	
GRAFTON STATE SCHOOL	3.09		.02						.07	.18	T	.06		T			T		T						1.78	.19					.79	
GRAND FORKS CAA	1.51	.01	.01					T	.35	.15	T	T			.02	.02	T		T					.09	.35	.02				.06	.43	
GRAND FORKS UNIV	2.32	T	.02						.28	.23	.03	T			.01		.03		T					T	.62	.37				.04	.69	
GRAND RAPIDS 1 N	4.38	T	T					.15	.48	.22							.02								1.48	.48	.02			.10	1.43	
GRANVILLE	2.54									T		T	T	T	.14		T							T	1.80	.15				.05	.40	
GRASSY BUTTE 10N	2.96								.20	.02		.05			.05	.02									1.23			.05	.02	.96	.36	
GRENORA	2.12													.02											*	.62		.10		.19	1.19	
HALLIDAY R	2.83								.06	.04				T	.14										1.37	.09				.31	.82	
HANKINSON R R STA	3.25						T	.08	.27	.35	.01	T	T				T									1.48	.12			T	.94	
HANNAH	1.20								T	.01	T	.01			T		.04								1.00	.02					.12	
HANSBORO	1.56										T	T		T	.04		T								1.30	T					.22	
HARVEY 3 NE	1.88		T						.08	.08	T			.04			.02		T						.96	.60				T	.10	
HETTINGER	2.48	.08					.12	.04	.25	.08	T			T	T										.54	.08		.10	T	.62	.57	
HILLSBORO	3.11		.03					T	.48	.27	T	T		T			T		.01						.43	.51				.13	1.25	
JAMESTOWN CAA	4.11	.01	.05			T		.12	.47	.13	.01	T		T		.07	T								1.85	.11			T	.11	1.18	
JAMESTOWN STATE HOSP	3.09	T	.03					T	.23	.07	T	T			T		.07								1.21	.38			T	.09	1.01	
KEENE 2 S	2.20							.01	.02	T	.01		.02	.07											1.03	.04		.03	.07	.24	.66	
KENMARE R	1.70										T				.10			T							.95	.35	.08				.22	
KENSAL WILDLIFE REF	3.04		T						.15	.15		.04		.13											1.40	.20				.05	.92	
KILLDEER 8 NW	3.02								.15	T	T	.08			T	.03	.05								.90	.10		T		.56	1.15	
KULM	3.02	.06						.06	.22	.12															1.35	.37				.05	.79	
LANGDON EXP FARM	2.73	T	.06						.03	.10	T	.02		T	.02		.10								2.10	.05					.25	
LANSFORD	3.32	T		T						T	.01	.02	T	.02			.02		.08						2.39	.29				T	.49	
LARIMORE	2.30		.03						.20	.22	.02						T							T	.70	.48				T	.65	
LEEDS	3.71								.02	.05		T		.06		T	.03							T	2.82	.16				T	.57	
LEFOR 10 E	2.46	.03	T				T		.11	.05	T					.05								T	.80	.03		.05		.68	.66	
LINTON	3.74					T	T	.04	.46	.05	.01			.03		.02	.01						T		1.65	.34				.28	.85	
LISBON	3.29		.01	.10				.20	.45	.03	T	T					T								.95	.80				T	.75	
LITCHVILLE	3.28		.09					.05	.38	.15		.01					.01								1.00	.48				.08	1.03	
LOSTWOOD 12 N	1.61		T	T							T	T		T	.04	T								.05	.75	.09	T			.07	.61	
MADDOCK AGR SCHOOL	2.47		.02						.05	.14	T	.01		.10		.03	.03		T						1.56	.15				T	.38	
MANDAN EXP STATION	1.81			T			T		.07	.10	T	T			T	T	.01		T						.44	.40	T			.05	.74	
MANDAN FT LINCOLN PARK	2.72		T			T		T	.27	.04	T			T		T									.97	.26				.28	.90	
MARMARTH	2.22						.28	.05	.20	.05	.01	T		.02	.06									.17	.34	.02		.06		.54	.42	
MARTIN	3.25								*	.15															2.30	.50					.30	
MAX	1.57								T	T	.02			T	.03		.04								.35	.50	.20		.02	.03	.38	
MAYVILLE	2.32		.06						.28	.16	T	T					T		T						.48	.46				.07	.81	
MC CLUSKY	4.12								.09	.13	.02	.02		.11			.02								2.62	.51				.03	.57	
MC HENRY 5 N	1.20	T	.02						.03	.07		.01		.13			.02		T						.76	.05					.11	
MC LEOD 3 E	2.08		.12	.05				.14	.33	.18							T		T						.24	.28				.24	.50	
MC VILLE	1.70		T						.06	.15		T			.03		.03								1.03	.17					.23	
MEDINA 1 W	2.74		.02					T	.13	.13	.13			.02		T									1.58	.42				.08	.23	
MEDORA 4 NNE	2.47						.08	T	.14	.08	.01	T		.03	T	.02							T	.02	.92	.02				.48	.67	
MEDORA 23 NNW	2.30								.15	.10	.05					.06	T								.78	.22		T	T	.26	.68	
MINOT CAA	3.77	T	T	T					T	T	.01	T	T	T	.01	.01		T	T					.69	1.91	.07				.03	.54	
MINOT EXP FARM	3.11	T	T	T					T	T	T	T	T	T	T		.01	T						.01	2.32	.22				.03	.52	
MOFFIT 4 SE	2.50		T	T		T		.02	.11	.05	.02			.01	T		T	T						T	1.28	.24				.13	.64	
MOHALL	1.93			T							T				.10	T	T							.08	1.12	.05				.08	.50	
MONTPELIER	4.23	.03	.03					.07	.38	.16	.02	T					.04								1.51	.50			T	.12	1.37	
MOTT	1.86	.05					.01	T	.10	.05	T	.04	T		T	.05							.01	T	.30	.12		.06	T	.52	.55	
MUNICH 4 SW	2.55								T	.06	T	T		.03			.02							T	2.34	.02					.08	
NAPOLEON 1 SE R	2.18		T	T				.03	.18	.05	.01	T		T	.01	T	T								1.30	.10				.07	.43	
NEW ENGLAND	3.84	.10					.27	T	.21	T	.03				T	T								T	.80	.33		.03		.98	1.09	
NEW ROCKFORD 7 WNW	2.98		.02						.11	.26		.02		.07	T	T								T	1.77	.25					.48	
NEW SALEM 1 S	2.61	.02						T	.10	.05	T	T	T	T		.01	.03	T							1.00	.25		T		.20	.95	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN		2.59								T		T	T	T			T									1.37	.03			.02	.20	.97	
NOONAN		1.78													T			T							.10	.70	.15				.15	.68	
NORTONVILLE		3.94		.08					.05	.33	.18		T													1.42	.55				.14	1.19	
OAKES		4.04	T	T				T	.05	.28	.34	T	.02	T	.01			.02								.23	1.76	.03			.05	1.25	
PARK RIVER		3.73		.02						.06	.14				T	.02		T								2.00	.40					1.09	
PARSHALL		2.30		T	T					T	.02	.04	T	.01					T							1.48	.08			T	.05	.62	
PEMBINA 2 N		1.50								.13	.07				.09	T		.03								.80	.07					.31	
PETERSBURG		2.61		.05						.07	.14	T	T		.02	.03	.03	.03		T						1.31	.26					.67	
PETTIBONE	R	2.20		.03						.04	.06	.04	.01		.06		.02	.02								1.54	.32				T	.06	
PINGREE		2.93		.06						.13	.37	.05	.02		.10			T								.95	.40				T	.85	
PORTAL		.99										T		T	T	.07		T	.02							.42	.23	T				.25	
POWERS LAKE 1 N		1.56										T			T	T	T		T						T	1.00	.03				.12	.41	
PRETTY ROCK		1.57		T			T	.02	.02	.13	.02	T			T		.05							T	T	.34	.04		T	.03	.32	.60	
REEDER		2.65						.20	.20	.20	T															.75			.15		.75	.40	
REEDER 14 N		2.18		.05					.14	.12	.26		.02		T	.05										.67	.04		T		T	.83	
RICHARDTON ABBEY	R	3.83	.09	.01				T		.25	.14	T	.03	T	.01	T	.09	T	T					T		1.34	.24		.05	T	.49	1.09	
RIVERDALE		1.80		.02	T	T				T	.16		.02	T	.02	T	T	T								.58	.45	.03			T	.52	
ROLLA		2.59		T	T					T	T	T	T	T		.10	.13	.04								1.91	.06					.35	
RUGBY		2.74	T	T							T	T			.02	.01	.02	.02								2.13	.26				.02	.26	
RYDER	R	1.95									.02	.03	.05	T		.03		.02								•	.95			T	•	.85	
SAN HAVEN		1.48									T	T	T		.02	.03	T	.03							T	1.12	T				.02	.26	
SCRANTON		2.51	T					.27	.02	.20	T	T				T	T							T	.11	.73	.01		.17		.56	.44	
SELFRIDGE 11 W		3.51		.05	T		T		.05	.25			T				.12	T						.05		1.05	.10				.94	.90	
SENTINEL BUTTE 20 S		2.36		T				.15	T	.27	.08	.05			T	T	T	.25	.60					T					T		.38	.58	
SHARON		2.20		.03						.23	.20							.02								.82	.48					.42	
SHERWOOD 3 N		1.62		T							T	T		T	T	.04		.01							.01	.62	.39				.04	.51	
SHIELDS		2.87	.04						.03	.42	.05	T					T	T								.90	.25		.10		.23	.85	
STANLEY	R	2.31												T	.04		T								T	1.53	.04				.12	.58	
STEELE		3.15					T		T	.30	.07	T			.03	T	T	T							T	2.04	.25			T	.10	.36	
SYKESTON		3.74		T						.21	.22	.03			.06	.09	.04	T								1.48	.53				T	1.08	
TAGUS		2.49		T	T					T			T		T		T	.02	T						T	1.96	.06				.05	.40	
TIOGA		1.77										.07			T		T									1.00						.70	
TOLLEY 5 NNE		3.13										T	T		T	.12		T	T						.05	1.09	1.33	.17				.37	
TOWNER		3.49																								2.70	.27					.52	
TROTTERS 6 WNW		2.58						.05		.02	.07	T	.02	T	T	.11	.02	T						.03		1.35	.03		T		.30	.58	
TURTLE LAKE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				T	1.15	.25			T	.10	.70	
TUTTLE		2.37	T				T			.06	.07	.08			.03			T								1.33	.23				.05	.52	
UNDERWOOD		2.50								.01	.10		.07				.03	.02								.78	.94	.02				.53	
UPHAM 3 N		4.49											T	.03	T										T	3.87	.26				.06	.27	
UPHAM 3 W		4.00													.05										T	3.50					.10	.35	
VALLEY CITY		2.17	T	T					.04	.14	.33	T	.06					.01		T					.28	.77	.01				.02	.51	
VELVA		2.69								T	T	T	T	T	.08	T	.07		T						T	1.70	.43				.02	.39	
VERONA		3.79		.01					.06	.40	.10					T		.05								1.27	.37				.12	1.41	
WAHPETON STATE SCHOOL		3.55		.19	.26	.02			.31	.39	.15	T	.03					T		T						.20	.88				.07	1.05	
WALHALLA		3.45								T	.22	T	.03					T	T	T						2.60						.60	
WARWICK		1.88								.08	.18					.11										1.15	.22					.14	
WASHBURN		3.13	T		T					.14	.06	.01			T		T	T							T	1.56	.30			T	.21	.85	
WATAUGA 8 N S OAK		2.52			T		T	T	T	.20	.10	T					.01						T				.84				.59	.78	
WATFORD CITY		3.28								.04	.11	.02			.04											.88	.12		.10	.14	.55	1.28	
WATFORD CITY 14 S		2.50						T		T	T	T				T		T						T		1.32	T		.09	T	.28	.81	
WESTHOPE		1.48										T		.03		.07	T									.96					.07	.35	
WILDROSE		1.63										.04				.15									.07	.68	.10		.05	T	.14	.40	
WILLISTON WB CITY	R //	2.01	T	T						T	T	T	T	T	.13	T	T		T	T			T		.15	.54	.01	.01	T	.05	.49	.63	
WILLOW CITY		2.32	T											T	T		T								.02	1.94					.05	.31	
WILTON RR STATION		3.59		T						.02	.09	T	.10			T	T	T								.74	.78	.05			T	1.81	
WISHEK		3.05							.03	.15	.12	T					.03	.02								1.80	.21				.20	.49	
WOODWORTH 5 E		4.17								.13	.66	T			.16			T								2.15	.15				T	.92	
ZAHL		1.83	T							T	T	T		T		.09									.05	.58		T	.07	T	.24	.80	

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	43	47	48	49	58	48	48	36	33	37	39	49	50	36	39	36	31	36	52	64	76	67	66	56	40	53	50	54	48	38		47.6
	MIN	29	27	23	20	25	30	22	26	26	24	19	20	22	28	16	8	12	12	18	27	41	35	42	31	29	28	36	37	37	32		26.1
AMENIA	MAX	57	42	45	43	47	52	42	42	40	45	40	49	52	58	40	35	34	37	51	61	79	70	68	58	45	50	56	56	49	45		49.6
	MIN	35	33	33	33	23	23	27	31	32	32	25	21	26	31	24	13	10	13	26	25	25	43	35	41	32	31	28	32	40	38		28.7
AMIDON	MAX	57	41	43	47	49	60	40	43	30	30	33	36	44	41	30	39	29	30	33	49	66	70	65	69	34	40	54	48	50	38		44.6
	MIN	33	18	20	20	24	31	26	24	24	12	18	20	21	25	10	10	11	12	15	29	38	39	43	32	28	29	34	35	34	32		24.9
ARVILLA STATE PARK	MAX	56	49	46	43	48	49	48	42	37	42	40	50	49	49	40	37	34	37	52	64	77	72	66	56	46	49	58	59	54	48		49.9
	MIN	34	32	31	31	17	18	22	29	30	27	22	17	22	27	21	11	9	13	27	16	27	40	33	37	33	30	25	30	37	37		26.2
ASHLEY	MAX	51	45	47	51	48	49	45	37	34	40	42	46	51	48	44	36	32	36	49	60	79	68	66	58	40	51	48	53	45	39		47.9
	MIN	30	31	23	18	18	30	30	28	28	22	23	21	24	26	21	8	7	9	21	21	30	41	38	38	30	27	35	33	35	35		26.0
BEACH	MAX	59	45	43	48	51	61	40	44	32	32	34	35	45	44	30	39	30	30	42	50	68	70	64	68	35	43	54	47	48	38		45.6
	MIN	29	18	18	16	17	33	26	25	23	20	20	21	19	20	10	9	9	11	15	29	30	35	37	31	29	26	36	36	35	32		23.8
BELCOURT INDIAN RES	MAX	48	45	44	40	42	45	43	40	35	38	40	45	38	38	37	35	27	36	50	60	72	60	60	45	42	42	46	47	49	44		44.4
	MIN	25	27	18	23	23	15	23	25	27	18	12	10	17	26	17	8	0	7	22	15	23	36	21	29	29	23	22	25	34	35		21.2
BELFIELD	MAX	46	43	49	53	62	53	49	40	33	34	36	40	45	32	39	39	31	35	54	64	74	64	67	45	42	53	45	42	40	38		46.2
	MIN	33	20	18	12	22	28	22	22	21	18	16	16	21	22	8	9	15	8	20	24	34	34	40	31	29	23	31	31	32	30		23.0
BISBEE	MAX	51	45	43	42	45	45	45	40	37	37	40	48	40	40	38	35	29	38	51	62	74	63	62	38	40	42	45	45	45	45		45.0
	MIN	27	29	26	25	22	23	24	27	27	24	22	17	20	27	21	11	7	14	22	22	27	33	26	29	30	21	25	25	34	36		24.2
BISMARCK WB CITY	MAX	51	49	47	47	49	52	51	47	42	41	41	42	51	52	45	41	28	32	34	52	64	76	67	62	35	48	52	55	52	41		48.2
	MIN	32	29	23	20	23	29	28	27	28	28	25	21	23	27	21	11	11	12	22	27	36	42	42	32	31	29	42	39	39	36		27.8
BISMARCK WB AIRPORT	MAX	49	48	49	48	54	49	46	34	35	40	40	50	51	46	40	28	33	37	52	63	79	68	64	47	40	49	53	54	41	40		47.6
	MIN	29	26	21	20	19	29	26	28	30	27	25	20	23	27	21	10	10	12	24	20	32	41	39	32	31	30	37	39	38	37		26.8
BOTTINEAU	MAX	49	47	46	45	45	44	48	45	40	38	37	41	47	38	38	36	24	31	38	52	62	73	64	59	34	42	45	50	52	52		45.4
	MIN	29	26	23	22	23	24	25	27	28	24	13	18	9	19	15	8	4	10	21	22	32	31	24	30	31	26	30	29	36	37		23.2
BOWBELLS	MAX	53	45	45	40		47	46	44	35	36	34	45	42	40	38	40	24	26	37	54	65	72	68	58	35	43	55	51	50	52		45.5
	MIN	29	25	22		17	23	27	26	27	26	15	13	10	13	15	7	8	7	19	23	35	29	28	32	30	26	36	32	35	35		23.1
BOWMAN COURT HOUSE	MAX	53	43	48	51	61	56	41	33	30	34	34	45	45	42	38	38	39	33	50	67	72	69	75	70	39	57	54	50	47	37		48.4
	MIN	29	20	18	17	25	31	28	23	23	13	18	18	21	24	11	10	10	12	15	24	41	37	40	31	28	25	33	33	34	30		24.1
BUTTE	MAX	51	48	45	45	42	48	48	49	35	36	36	41	49	40	38	40	25	25	35	50	61	74	63	53	34	40	45	50	46	45		44.6
	MIN	31	28	22	21	25	20	24	26	28	25	19	20	16	19		8	8	12	21	27	33	37	30	33	30	25	34	33	34	36		25.0
CARRINGTON	MAX	50	59	47	46	45	46	50	49	35	35	39	39	47	39	44	38	30	30	35	51	60	76	65	61	34	38	43	55	55	46		46.2
	MIN	22	28	21	17	19	18	18	22	24	22	17	22	20	20	20	7	7	6	13	22	28	36	31	33	30	21	22	27	28	33		21.8
CARSON NO 2	MAX	52	44	45	46			55	41	32	38	40	48		49	40	40	29	30	40	50	63	75	66	67	34	42	49	46	52	38		46.3
	MIN	33	27	19	20	20	20	20	25	26	19	25	19	21	25	11	9	12	10	18	26	40	38	44	31	31	24	33	34	36	33		25.0
CAVALIER	MAX	56	51	45	41	47	50	45	40	39	39	42	51	47	42	39	36	31	35	52	63	72	69	65	57	58	52	55	59	61	56		49.8
	MIN	30	33	29	31	23	22	22	31	29	29	19	22	17	27	22	14	11	20	26	23	26	41	34	31	30	30	28	27	34	39		26.7
CENTER	MAX	53	47	45	42	45	50	48	42	35	45	39	48	48	45	39	37	30	36	60	63	75	65	62	56	39	52	51	52	45	39		47.8
	MIN	29	26	20	16	15	22	28	27	28	26	18	17	19	24	16	9	7	11	20	16	28	35	32	32	30	26	36	37	38	34		24.1
COOPERSTOWN	MAX	54	51	45	44	43	48	46	42	36	42	39	47	46	47	47	37	31	35	50	60	76	72	64	58	47	48	55	55	50	45		48.7
	MIN	34	30	26	25	18	22	24	28	29	25	21	19	26	29	22	9	8	12	22	22	29	38	27	36	31	28	27	31	39	36		25.8
CROSBY	MAX	53	49	46	48	54	46	44	37	39	37	40	42	44	40	40	26	28	37	52	64	70	63	58	39	49	56	52	50	49	40		46.4
	MIN	29	23	22	20	28	22	24	26	26	23	18	16	9	21	15	6	12	9	14	23	23	31	29	31	28	28	38	32	39	34		23.3
DEVILS LAKE W B CITY	MAX	52	46	45	41	47	49	47	37	37	39	41	47	42	42	38	23	28	37	50	60	75	62	61	41	39	44	53	54	51	41		45.6
	MIN	31	29	24	24	20	21	22	27	28	25	24	21	22	28	18	10	8	14	23	25	31	37	32	31	31	27	30	33	39	36		25.7
DICKINSON CAA	MAX	40	43	47	49	60	44	46	32	31	35	35	46	47	33	40	29	30	35	50	66	74	65	67	37	41	53	45	48	38	35		44.7
	MIN	26	23	21	18	25	32	23	24	20	18	13	18	17	19	11	9	13	12	17	26	42	34	35	29	28	29	35	35	34	31		23.9
DICKINSON EXP STATION	MAX	56	46	44	48	50	60	48	43	32	34	35	38	47	48	34	41	29	31	36	52	66	73	65	68	34	43	55	47	50	39		46.4
	MIN	35	20	18	15	25	32	24	25	25	20	18	20	18	22	11	9	12	9	19	25	38	33	41	32	29	25	35	35	34	32		24.5
DRAKE	MAX	51	50		42	45	47	48	50	37	37	38	42	48	40	41	41	27	30	40	52	62	74	65	57	35	43	43	48	48	48		45.8
	MIN	30	26		21	26	25	25	28	29	25	21	24	19	18	21	10	10	11	18	27	28	34	31	35	31	28	32	34	36	36		25.5
DUNN CENTER	MAX	56	40	47	49	57	44	47	49	34	35	39	39	48	46	34	39	30	32	38	52	66	76	66	62	34	45	54	48	50	40		46.5
	MIN	27	21	18	16	16	21	25	25	25	26	12	15	15	17	8	6	8	10	12	20	33	31	34	33	29	26	29	36	35	32		22.0
ECKMAN	MAX	53	41	47	46	47	48	49	48	38	40	39	48	39	43	40	40	27	30	43	53	64	75	64	57	33	42	40	48	51	53		46.2
	MIN	28	24	23	17	23	22	25	27	29	28	12	17	14	16	17	10	4	9	17	23	32	32	24	32	30	21	30	30	35	37		22.9
EDGELEY EXP FARM	MAX	46	55	43	48	46	51	51	37	34	34	43	39	47	53	50	40	29	34	36	50	59	80	67	65	44	41	50	52	54	41		47.3
	MIN	31	32	27	22	20	30	29	30	30	25	26	26	26	28	25	10	10	13	22	23	29	36	32	32	31	29	31	31	38	37		27.0
EDMORE 1 W	MAX	55	49	46	48	47	49	47	40	37	39	40	40	40	49	38	37	32	38	52	60	77	67	65	52	38	38	47	54	51	46		47.3
	MIN	25	28	22	25	15	17	21	32	26	21	18	20	17	25	22	9	3	13	23	23	25	33	25	32	28	23	21	31	40	36		23.3
ELBOWOODS	MAX	49	50	48	50	54	51	50	48	37	39	42		50	45	42	42	30	39	54	65	76	70	63	53	45	59	54	48	51	42		50.0
	MIN	30	33	27	14	37		23	32	33	27	17		16	30		9	6	11	20	28	38	34	38	31	30	40	40	38	36	32		27.8
ELLENDALE	MAX	56	52	48	47	54	54	46	40	45	42	42	48	54	55	47	31	33	36	50	59	81	77	68	66	45	52	51	57	52	41		51.0
	MIN	36	33	29	24	23	35	32	32	32	27	26	24	24	30	25	12	11	15	25	22	31	47	40	41	33	31	34	35	39	34		29.4
ENDERLIN	MAX	41	55	42	41	42	51	53	38	41	38	44	44	46	53	56	39	27	32	36	50	59	78	62	67	50	44	50	56	54	45		47.8
	MIN	30	30	33	28	20	25	27	30	30	30	26	24	27	29	25	12	10	13	13	20	25	33	31	33	33	32	31	33	34	33		26.7
EPPING	MAX	51	45	45	50	52	48	45	36	40	38	45	45	42	43		28	28	37	55	68	73	68	66	47	46	58	52	50	44	39		47.7
	MIN	27	18	18	21	26	24	25	25	23	22	19	12	10	23	4	8	8	9	12	26	42	31	32	31	30	28	37	37	37	32		23.2
FARGO WB AIRPORT	MAX	52	40	42	40	44	50	39	42	38	42	37	46	50	57	39	33	32	34	50	59	73	66	64	52	44	48	54	55	49	43		47.1
	MIN	30	29	32	26	21	25	31	34	33	32	25	23	26	30	25	13	9	13	24	19	33	40	27	35	33	31	28	31	40	37		27.8
FESSENDEN	MAX	55	50	48	47	53	54	52	37	38	40	43	48	40	44	41	37	33	36	54	62	77	66	68	53	43	44	55	51	48	45		48.7
	MIN	26	27	19	18	20	18	22	27	27	28	20	19	19	26	19	8	5	9	22	21	27	35	23	32	30	20	28	30	38	32		23.2
FORMAN	MAX	54	47	47	47	51	54	48	42	40	45	41	46	54	56	49	36	34	35	49	59	81	74	68	62	42	50	54	56	50	42		50.4
	MIN	34	32	30	25	21	34	32	33	32	29	26	20	28	27	26	12	9	12	24	20	39	41	32	42	32	31	32	31	39	37		28.7
FORT YATES	MAX	46	47	49	49	57	52	47	37	36	41	41	50	52	48	44	40	34	37	51	62	78	74	70	68	39	53	52	55	52	40		50.0
	MIN	26	29	20	16	21	22	34	30	30	26	25	19	26	25	21	13	9	14	22	23	36	43	41	32	31	28	36	38	38	37		27.0
FOXHOLM 7 N	MAX	54	48	45	45	49	49	48	41	38	36	41	48	43	41	36	33	30	38	53	64	71	64	60	45	42	48	52	50	50	41		46.8
	MIN	32	21	20	16	16	20	19	28	29	26	15	15	12	29	26	8	8	10	21	23	31	36	30	31	31	26	34	30	38	35		23.9
FULLERTON	MAX	57	48	47	47	53	53	45	40	39	45	42	49	57	55	42	37	28	36	51	62	83	70	68	58	43	51	56	56	53	45		50.5
	MIN	35	33	29	25	20	34	32	32	32	27	26	24	25	28	26	12	9	9	24	27	40	45	35	41	33	31	33	34	40	37		29.3

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERAT URES

NORTH OAKOTA
APRIL 1953

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	54	42	46	44	51	51	45	36	34	39	39	46	47	47	41	35	30	35	49	58	76	69	68	63	39	46	52	50	44	38		47.1
	MIN	26	31	24	20	20	29	26	23	27	22	21	20	21	29	21	9	9	12	21	21	34	38	32	37	30	26	32	36	36	34		25.6
GARRISON	MAX	52	46	45	45	47	50	49	48	35	36	37	41	48	43	37	39	26	30	33	52	63	74	64	58	34	42	42	52	48	42		45.3
	MIN	29	26	23	21	22	24	25	27	27	27	19	20	18	19	18	8	10	11	17	20	35	34	33	32	29	28	30	36	38	34		24.7
GRAFTON STATE SCHOOL	MAX	57	54	48	43	47	50	49	42	39	40	42	52	46	44	40	38	38	38	52	62	72	70	68	59	46	53	56	58	58	55		50.5
	MIN	28	31	28	28	16	19	20	27	27	26	18	18	16	28	18	10	8	7	24	17	26	40	25	29	31	27	24	25	34	35		23.7
GRANO FORKS CAA	MAX	56	45	42	41	44	49	47	36	38	40	40	48	42	49	38	25	30	35	49	60	72	64	66	45	45	50	58	60	54	44		47.1
	MIN	35	33	32	29	22	22	26	31	32	30	23	25	23	28	22	14	11	17	24	22	29	37	29	35	33	30	27	31	37	38		27.6
GRANO FORKS UNIVERSITY	MAX	52	47	43	43	45	48	49	42	37	41	40	47	44	48	39	35	32	35	51	60	71	64	66	56	46	50	56	60	54	44		48.2
	MIN	37	35	32	33	23	22	28	32	33	32	24	26	25	35	23	14	12	19	28	24	31	42	31	39	36	32	28	35	40	39		29.7
GRANO RAPIOS 1N	MAX	57	44	49	48	53	52	46	41	38	47	39	49	55	53	49	39	35	37	51	61	82	73	66	64	44	52	58	54	48	42		50.9
	MIN	32	33	28	28	17	27	30	31	31	26	25	22	26	29	26	11	7	10	23	16	29	43	29	41	34	29	30	36	39	37		27.5
GRANVILLE	MAX	51	49	47	47	50	50	49	41	38		43	49	43	42	42	40	32	40	55	65	76	65	61	47	38	46	52	53	50	45		48.5
	MIN	31	26	27	19	22	21	24	28	27		17	17	17	29	19	10	8	11	20	25	35	36	25	37	31	27	33	31	39	37		25.0
GRENORA	MAX	52	49	46	50	55	48	45	44	38	37	41	40	45	44	42	28	29	39	49	66	68	63	61	55	50	55	52	46	46	40		47.4
	MIN	28	24	19	18	27	26	25	25	24	23	13	23	8	21	12	5	9	8	11		44	30	28	28	28	30	37	36	36	32		23.4
HANKINSON R R STATION	MAX	45	51	38	45	42	50	52	42	43	38	46	37	49	52	59	40	30	34	35	49	61	80	68	67	55	43	50	50		44		48.1
	MIN	35	34	32	24	24	29	34	35	34	32	29	25	25	29	26	14	12	14	18	15	28	32	37	40	33	32	28	30	30	39		28.3
HANNAH	MAX	52	48	43	39	44	45	42	41	37	37	41	47	44	40	36	33	29	34	51	60	73	64	61	51	41	42	47	53	54	49		45.9
	MIN	25	25	22	24	12	18	19	25	25	21	11	18	11	25	21	8	2	12	20	21	28	34	25	29	30	21	22	27	29	31		21.4
HANSBORO	MAX	49	45	44	41	45	45	43	40	38	37	42	49	45	40		35	28	37	51	62	74	63	60	46	41	42	48	53	54	46		46.3
	MIN	27	28	25	23	23	20	23	21	28	23	18	17	28	27		9	6	15	20	24	30	37	30	29	31	22	26	29	32	37		24.4
HETTINGER	MAX	40	43			63	47	40	33	30	34	35	47	49	41	46	34	33	29	48	67	77	65	72	55	38	53	47	50	45	39		46.4
	MIN	29	23		19		33	29	26	24	14	19	20	22	26	14	10	10	11	19	27	42	40	42	30	28	26	33	35	35	34		25.7
HILLSBORO	MAX	52	50	42	42	44	48	42	40	40	42	40	48	49	54	43	37	32	35	50	60	72	65	69	56	42	48	57	54	53	44		48.3
	MIN	36	32	32	33	25	23	26	31	32	31	24	21	26	34	23	12	10	15	23	21	26	35	32	40	31	34	27	29	41	38		28.1
JAMESTOWN CAA	MAX	56	46	48	47	48	51	41	35	36	42	40	49	49	46	40	28	33	35	51	61	79	66	64	49	40	50	55	51	45	39		47.3
	MIN	32	31	26	23	18	23	25	28	30	24	22	23	28	27	22	10	8	11	24	19	26	38	29	32	32	28	30	33	39	36		25.9
JAMESTOWN STATE HOSP	MAX	55	45	47	46	49	51	44	36	35	41	39	47	50	47	41	36	32	35	50	60	79	68	64	57	40	48	56	51	46	42		47.9
	MIN	31	32	27	24	19	26	27	29	29	26	23	24	28	27	23	10	10	13	26	22	28	42	33	36	32	29	31	34	39	36		27.2
KENMARE	MAX	52	45	46	45	47	49	49	45	36	39	34	43	45	40	40	39	25	27	42	54	65	73	62	54	35	45	53	51	48	52		46.0
	MIN	30	24	23	16	19	20	23	25	26	26	16	20	10	14	16	5	8	8	15	22	35	33	31	31	30	25	35	33	33	34		22.9
KENSAL WILOLIFE REFUGE	MAX	57	48	50	50	49	52	49	39	36	43	39	48	44	47	42	40	32	37	52	62	80	74	64	57		45	57	55	48	42		49.6
	MIN	25	28	23	19	12	18	22	27	28	22	18	20	22	25	22	7	5	10	22	18	24	32	27	30		24	26	27	37	35		22.6
LANGDON EXP FARM	MAX	55	50	48	42	44	49	45	41	40	39	41	48	43	45	38	32	32	40	55	60	74	68	64	54	50	40	47	52	50	45		47.7
	MIN	25	25	22	26	17	16	17	21	23	20	14	19	11	24	19	8	1	12	19	23	29	33	24	29	28	20	18	25	30	35		21.1
LARIMORE	MAX	55	51	46	42	46	48	47	40	37	40	41	47	44	48	40	38	32	35	49	60	76	72	65	55	44	47	55	57	52	42		48.4
	MIN	36	33	32	33	21	22	25	29	35	27	26	22	23	31	22	12	8	15	28	20	28	41	31	35	33	31	28	29	38	27		27.4
LEEDS	MAX	52	47	45	42	48	49	49	40	36	40	42	49	42	42	39	38	31	38	52	62	75	65	61	49	39	45	46	54	50	47		47.1
	MIN	29	28	22	22	21	21	26	25	25	23	22	18	20	29	21	9	6	13	23	26	32	35	33	32	31	32	25	29	39	37		25.1
LINTON	MAX	50	46	52	49	56	53	47	37	37	42	40	50	51	46	42	39	32	36	52	63	79	73	68	62	40	50	50	54	51	41		49.6
	MIN	31	30	18	17	20	32	32	29	30	17	25	17	27	25	22	10	9	9	21	18	31	42	42	33	32	29	37	37	39	38		26.6
LISBON	MAX	53	40	46	45	46	48	37	41	36	39	40	43	53	53	38	27	32	35	48	58	76	67	65	45	40	51	55	51	40	40		46.3
	MIN	33	32	31	27	18	28	30	32	32	29	26	21	22	26	26	12	9	13	24	11	23	36	29	32	32	30	30	31	40	37		26.7
LOSTWOOO 12N	MAX	45	44	42	44	48	44	42	36	36	34	39	45	40	37	39	24	24	35	54	63	71	63	58	37	40	51	50	47	48	38		43.9
	MIN	28	21	18	12	23	20	21	23	25	24	11	14	6	23	9	4	2	3	14	25	37	27	26	29	28	22	34	32	35	32		20.9
MADDOCK AGR SCHOOL	MAX	55	50	47	46	47	51	50	42	37	44	43	50	46	46	40	38	34	39	54	64	77	70	64	53	41	45	54	52	47	45		49.0
	MIN	28	27	20	21	18	20	24	27	28	23	21	18	20	28	21	9	6	10	23	23	27	36	29	32	31	21	26	31	39	36		24.1
MANOAN EXP STATION	MAX	50	48	46	47	46	55	52	46	34	35	38	41	50	51	42	40	28	31	36	50	63	78	68	63	33	41	52	53	57	40		47.1
	MIN	31	28	19	18	20	28	26	28	28	27	25	19	22	27	19	9	10	13	21	22	33	39	40	32	30	30	36	31	37	35		26.1
MANDAN FT LINCOLN PARK	MAX	50	48	50	50	55	53	47	37	36	41	42	53	54	46	41	38	34	38	53	66	80	73	66	61	42	55	56	56	50	40		50.4
	MIN	29	27	23	19	18	27	26	27	28	27	25	19	22	27	19	9	10	9	21	23	33	40	27	31		27	37	38	38	36		25.6
MARMARTH	MAX	54	46	51	53	65	50	40	36	30	34	36	50	46	38	40	47	42	36	51	70	75	69	75	48	40	60	55	61	45	38		49.4
	MIN	34	20	15	14	29	34	32	26	25	19	17	23	25	23	14	14	14	13	17	28	36	44	37	33	30	25	38	37	35	33		26.1
MAX	MAX	52	45	45	45	46	48	48	48	35	36	36	42	49	40	38	38	23	28		52	63		64	55	33	40	52	46	46	44		44.2
	MIN	29	26	25	21	22	20	25	25	25	23	19	22	18	18	22	8	8	10		15	22		28	32	29	22	35	38	38	34		23.5
MAYVILLE	MAX	53	51	42	42	46	49	45	42	38	42	39	49	45	53	40	37	33	37	52	60	74	69	66	58	42	49	49	58	54	42		48.5
	MIN	36	33	33	33	21	22	25	31	32	31	24	23	26	34	24	13	9	13	26	24	28	42	30	41	33	30	27	28	38	38		28.3
MC CLUSKY	MAX	48	44	45	43	47	51	49	44	35	35	39	47	41	41	37	34	29	35	49	60	74	66	59	56	36	43	47	47	43	41		45.5
	MIN	30	27	20	18	21	27	21	21	27	27	22	17	18	28	19	5	7	10	20	26	35	35	31	32	30	26	34	33	37	35		24.6
MC HENRY 5 N	MAX	54	45	46	42	44	50	49	40	35	41	38	47	40	44	36	35	30	36	49	59	76	67	62	53	39	46	53	54	47	42		46.6
	MIN	27	27	23	23	17	20	20	27	27	20	20	18	23	27	21	6	6	10	21	19	24	35	28	29	29	25	25	28	39	34		23.3
MC LEOO 3 E	MAX	57	49	48	44	51	53	48	43	40	47	43	42	46	61	48	38	41	37	52	61	79	77	67	60	48	54	58	54	50	40		51.2
	MIN	33	32	32	31	23	30	32	33	32	30	26	20	24	25	25	5	8	11		26	25	42	28	40	37	30	27	30	39	37		28.0
MEOORA 4 NNE	MAX	54	46	49	52	60	57	46	43	36	37	38	48	48	38	42	41	32	37	53	68	72	70	68	49	44	56	53	50	48	40		49.2
	MIN	35	19	17	12	27	34	28	27	26	24	20	23	19	23	9	11	19	9	13	30	36	36	41	33	31	24	37	33	34	33		25.4
MINOT CAA	MAX	45	45	44	43	46	47	47	37	37	35	39	48	39	39	41	24	26	38	52	62	73	62	55	34	38	43	46	45	46	39		43.8
	MIN	32	26	26	19	24	22	25	27	29	24	19	22	16	24	15	9	8	13	22	31	42	37	33	30	31	26	34	32	37	35		25.7
MINOT EXP FARM	MAX	50	46	44	44	50	48	47	43	38	37	40	48	42	40	42	40	28	39	53	63	74	66	61	45	40	46	47	47	46	42		46.5
	MIN	31	27	23	19	23	31	23	26	28	25	15	20	14	27	17	8	7	8	21	27	38	35	30	30	30	24	33	32	37	35		24.8
MOFFIT 4 SE	MAX		41	44	44	49	47	43	33	32	38	38	46	46	42	39	35	29	32	46	59	74	66	62	60	35	45	50	50	49	38		45.2
	MIN		27	17	10	17	22	23	25	26	24	22	14	22	21	18	4	2	9	20	11	28	40	30	29	28	25	33	33	34	33		22.3
MOHALL	MAX	49	48	48	45	48	50	47	39	40	35	43	46	40	40	40	29	30	41	54	64	74	65	59	42	45	48	51	52	54	41		46.9
	MIN	31	27	23	19	23	21	24	28	29	27	14	20	10	28	17	9	8	12	20	25	38	33	26	31	31	26	33	31	38	36		24.6
MOTT	MAX	46	44	48	49	60	49	43	36	33	35	38	50	50	39	40	35	32	35	50	65	72	66	70	54	40	54	48	52	43	38		47.1
	MIN	32	25	18	15	24	32	26	26	26	16	20	17	22	24	12	10	10	9	19	22	35	40	39	32	28	26	34	36	36	32		24.8
MUNICH 4 SW	MAX	52	48	45	40	43	46	44	39	36	35	38	45	38	41	37	31	29	36	50	58	73	61	61	47	37	39	45	45	47	42		44.3
	MIN	26	25	22	23	19	18	21	24	24	20	20	16	13	24	21	7	4	11	19	24	25	30	22	29	30	28	19	21	32	35		21.7

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	51	46	48	47	52	49	44	35	34	41	39	46	48	46	40	35	34	37	50	59	77	67	65	58	37	49	51	53	46	39		47.4
	MIN	30	29	19	17	18	31	28	27	28	24	23	18	26	28	20	7	6	10	22	21	31	39	33	37	30	26	25	32	37	35		25.2
NEW ENGLAND	MAX	49	42	47	48	62	53	44	35	32	34	35	47	47	41	39	37	31	35	50	66	71	65	69	47	40	52	46	51	48	37		46.7
	MIN	31	22	21	17	22	32	26	25	25	18	18	17	21	25	10	9	10	10	17	25	38	37	42	30	29	33	35	35	35	32		24.9
NEW SALEM 1 S	MAX	44	47	46	48	52	49	47	35	34	36	39	49	50	38	39	35	31	35	53	63	76	65	65	52	38	52	48	53	46	38		46.8
	MIN	28	25	20	20	18	27	22	25	25	22	19	18	20	26	16	7	11	13	19	23	39	37	42	30	28	27	35	35	35	28		24.7
NEWTOWN	MAX	52	45	46	52	47		46	45	36	36	41	38		45	45	40	28	36	53	65	74	64	56	39	45	55	52	51	44	40		47.0
	MIN	30	23	21	25	31		26	25	28	29	17	18		13	15	9	9	9	18	26	35	33	27	31	31	28	38	31	38	32		24.9
OAKES	MAX	40	55	42	47	46	53	51	40	40	36	44	38	48	54	55	38	29	33	35	49	58	79	65	65	65	40	50	52	55	41		48.1
	MIN	32	32	29	24	20	33	31	32	32	27	25	19	23	21	26	12	10	14	21	16	26	37	32	42	32	30	31	32	39	37		27.2
PARK RIVER	MAX	57	55	48	43	46	49	48	43	39	40	40	49	45	44	40	38	32	37	51	61	76	75	65	59	45	40	55	57	56	55		49.6
	MIN	32	33	32	32	29	21	25	31	29	28	23	20	20	24	22	11	9	18	28	23	33	42	32	32	33	28	32	29	36	38		27.5
PARSHALL	MAX	48	45	46	48	51	47	46	45	36	36	41	48	42	40	40	40	29	37	52	64	75	67	61	46	43	54	52	49	45	41		47.1
	MIN	28	22	19	15	25	25	25	25	25	28	15	16	13	27	15	7	4	9	16	23	38	32	25	32	30	25	37	36	38	34		23.6
PEMBINA 2N	MAX	56	55	49	45	46	48	45	45	39	40	42	47	47	44	39	37	30	38	56	63	69	69	65	64	50	54	59	62	62	62		50.9
	MIN	31	34	30	31	20	19	20	21	30	30	24	29	16	31	19	11	9	17	26	21	25	39	27	31	33	29	22	27	34	38		25.8
PETERSBURG	MAX	54	50	47	40	46	48	46	40	36	36	40	45	46	44	42	36	31	36	49	60	76	73	65	57	40	45	55	56	52	51		48.1
	MIN	34	28	26	25	19	22	22	27	28	22	20	18	22	28	21	9	4	11	24	23	29	36	25	32	30	27	26	31	35	35		24.6
PETTIBONE	MAX	55	48	43	44	45	52	45	40	35	39	38	47	41	44	41	34	29	34	49	59	76	67	61	52	36	40	53	50	45	41		46.1
	MIN	31	30	26	20	20	27	25	28	29	24	22	20	22	28	20	8	7	12	22	23	31	37	29	32	30	24	32	35	38	38		25.7
PORTAL	MAX	56	45	47	47	48	48	46	44	34	41	33	42	41	39	36	39	25	27		54	65	70	63	52	36	47	57	52	53	55		46.3
	MIN	28	22	20	20	23	22	25	25	26	25	15	19	10	22	14	5	9	8	14		37	29	26	31	30	28	32	31	31	35		22.8
POWERS LAKE 1N	MAX	47	43	43	45	50	46	43	37	36	34	39	45	40	35	40	22	25	36	51	62	72	62	55	40	39	52	50	45	47	38		44.0
	MIN	29	21	22	25	25	25	25	25	26	25	15	20	9	32	14	4	9	8	14	26	35	27	23	30	29	23	39	33	38	33		23.6
RICHARDTON ABBEY	MAX	49	44	46	49	59	47	45	42	33	37	38	47	48	46	38	38	29	35	50	64	74	68	65	54	40	52	48	50	48	37		47.3
	MIN	31	26	23	21	25	31	23	24	25	19	18	19	17	26	14	7	14	14	19	27	40	37	45	30	28	28	33	36	35	31		25.5
RIVERDALE	MAX	51	46	45	45	46	51	48	46	38	35	36	39	47	45	36	38	22	29	37	50	62	73	64	64	32	40	51	51	49	41		45.2
	MIN	32	26	23	22	24	27	24	25	26	28	21	18	18	20	19	9	10	11	20	26	38	36	38	32	28	29	34	35	38	32		25.6
ROLLA	MAX	51	46	44	43	44	45	42	39	36	36	42	47	40	38	36	32	28	37	52	60	74	61	61	47	44	44	46	45	49	44		45.1
	MIN	29	29	26	24	24	23	24	26	27	25	19	17	18	27	16	9	9	15	20	25	34	33	33	30	30	21	26	28	33	34		24.5
RUGBY	MAX	50	47	45	44	47	49	50	47	39	40	43	50	48	42	40	32	32	38	52	62	74	74	62	50	42	42	50	54	51	47		48.1
	MIN	31	27	25	24	24	23	27	28	30	27	21	20	20	32	19	11	9	12	24	30	35	35	30	30	32	26	32	32	39	37		26.4
SAN HAVEN	MAX	47	46	46	41	41	47	42	34	34	38	40	47	39	38	37	34	29	36	51	61	72	64	57	48	44	44	49	53	47	44		45.0
	MIN	32	27	26	22	25	25	24	26	27	24	16	19	14	29	17	8	4	13	22	27	36	31	32	29	30	24	29	31	36	35		24.7
SHARON	MAX	55	45	44	44	45	49	47	40	36	43	40	45	43	52	40	36	33	36	49	59	75	69	65	55	41	48	55	56	50	41		47.9
	MIN	34	31	29	28	22	25	25	28	30	25	22	21	25	31	21	9	7	12	22	23	32	37	30	36	31	29	29	32	37	35		26.6
STANLEY	MAX	46	43	43	47	50	44	43	35	36	36	39	42	41	39	36	28	34	36	54	64	70	61	49	38	38	55	50	44	45	39		44.2
	MIN	25	24	21	20	19	17	18	28	23	21	13	16	13	32	12	5	14	12	18	24	36	28	30	28	26	30	34	36	37	32		23.1
STEELE	MAX	55	46	43	46	51	52	47	38	36	42	40	43	44	46	42	38	32	35	50	60	72	71	65	63	39	44	53	51	50	40		47.8
	MIN	30	29	21	18	15	28	23	27	28	24	22	23	22	26	23	6	7	10	22	23	32	32	31	32	30	24	32	33	37	35		24.8
TOWNER	MAX	52	48	48	43	49	48	42	41	48	42	45	49	49	47	42	29	32	38	58	64	76	66	60	40	45	45	46	49	51	52		48.1
	MIN	26	23	21	18	24	28	26	28	27	28	21	18	17	27	16	10	8	15	20	33	34	35	28	32	32	26	24	29	28	27		24.3
TURTLE LAKE	MAX																				62	74	69	61	51	40	50	51	50	45	44		
	MIN																					38	34	31	31	30	26	35	35	37	34		
UNDERWOOD	MAX	52	47	45	44	45	48	50	47	33	36	35	39	49	44	37	39	25	30	37	51	65	73	64	58	33	40	56	50	47	41		45.3
	MIN	31	28	22	20	23	28	25	27	26	28	19	19	19	20	18	8	9	10	18	25	35	35	32	33	29	25	35	35	37	33		25.1
UPHAM 3N	MAX	54	53	49	52	50	52	48	42	43	43	47	50	42	41	45	40	36	46	56	67	78	68	62	57	52	50	49	54	52	51		51.0
	MIN	26	23	18	15	23	22	22	28	28	22	13	14	13	29	12	9	5	8	19	26	31	32	24	28			35		36	39		22.2
UPHAM 3 W	MAX	54	50	50	48	48	50	47	41	42	40	44	49	41	42	40	30	33	41	53	64	75	67	59	45	44	40	45	45	50	44		47.4
	MIN	28	22	21	20	23	21	24	28	29	28	11	17	14	28	17	9	5	10	22	25	31	34	23	32	31	19	31	28	36	37		23.5
VALLEY CITY	MAX	55	55	47	46	50	51	49	38	37	44	41	49	51	52	46	38	33	36	50	60	79	73	66	62	43	51	55	56	51	43		50.2
	MIN	36	31	30	25	19	24	30	30	31	28	24	23	28	32	26	12	11	15	26	22	39	41	27	42	33	30	28	33	40	38		28.5
VELVA	MAX	48	47	46	45	50	49	49	45	38	37	42	50	42	39	42	40	30	39	53	64	75	68	60	48	40	47	51	49	47	44		47.5
	MIN	32	25	21	18	22	20	22	28	29	26	19	21	13	30	20	10	9	13	22	24	34	36	27	32	31	24	35	33	40	36		25.1
WAHPETON STATE SCHOOL	MAX	53	50	42	41	50	53	49	43	41	47	43	47	53	60	56	40	40	38	49	60	74	71	68	62	45	53	57	56	53	47		51.4
	MIN	35	31	31	33	24	33	34	37	35	32	27	24	27	35	26	14	10	12	26	22	31	46	30	43	33	31	28	32	41	39		30.1
WASHBURN	MAX	48	48	49	49	52	49	51	42	38	39	43	48	52	45	41	39	33	38	53	66	76	71	65	58	43	51	53	51	45	41		49.2
	MIN	32	26	19	19	22	21	25	24	28	28	21	20	19	25	19	8	9	11	22	25	37	35	33	32	31	28	36	36	38	36		25.5
WATFORD CITY	MAX	51	47	46	51	58	48	47	41	35	34	41	37	45	36	42		29	33	53	67	72	65	59	43	45	55	51	48	55	39		47.3
	MIN	32	22	19		23	32	24	24	24	27	17	22	13	25	12	8	11	12	17	32	44	36	40	32	30	28	37	36	36	32		25.8
WATFORD CITY 14 S	MAX	57	48	48		58		48	45	35	35			46	46	45	44	33	39	54	68	76	69	66	57	45	56	54	49	49	40		50.4
	MIN	29	20	17	16			26	27	25	28			14	26	13	9	13	12	15	34	45	36	42	32	31	32	38	38	32	32		26.2
WESTHOPE	MAX	47	49	47	44	47	51	46	38	39	37	46	46	38	40	40	24	32	39	55	65	73	66	59	40	46	50	52	53	50	43		46.7
	MIN	27	25	25	21	26	22	25	28	29	23	15	20	13	24	12	10	8	12	22	24	34	32	27	30	30	25	33	33	39	37		24.4
WILLISTON WB CITY	MAX	46	44	46	50	54	47	46	35	37	35	40	43	45	33	43	28	29	38	52	67	71	63	53	36	47	54	51	47	45	38		45.4
	MIN	28	25	22	22	33	34	28	28	28	26	18	17	14	21	13	9	12	10	17	34	46	37	34	32	32	31	39	38	38	32		26.6
WILLOW CITY	MAX	52	49	49	45	45	50	49	42	41	42	43	49	39	42	40	28	33	41	55	65	75	65	60	45	47	41	43	47	49	44		47.2
	MIN	29	26	23	22	23	22	25	27	28	26	18	17	15	30	19	10	6	12	21	22	38	33	21	31	31	23	26	26	34	36		24.0
WILTON RR STATION	MAX	50	46	43	43	44	49	50	48	34	34	37	40	47	44	37	37	24	28	35	48	61	73	63	62	32	36	44	47	47	39		44.1
	MIN	29	26	24	22	21	27	22	25	26	27	18	17	18	20	18	7	8	11	20	22	32	36	35	32	29	27	34	33	34	34		24.5
WISHEK	MAX	53	45	46	45	51	49	45	36	34	39	37	46	49	47	42	36	32	34	47	58	76	71	66	65	42	47	49	52	49	39		47.6
	MIN	29	30	20	16	16	15	20	28	26	22	22	18	25	19	18	3	6	8	17	16	26	37	38	38	24	27	35	33	37	35		23.5

Table 6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DEVILS LAKE WB CITY	EVAP	.12	.11	.14	.03	.06	.13	.13	.07	*	.02	.06	.13	.08	.06	.11	*	*	*	*	.49	.17	.26	.20	–	–	.07	.17	.15	.14	.02		3.128
	WIND	30	65	73	74	16	32	54	75	74	57	59	54	55	48	79	176	*	173	84	41	49	140	45	104	85	47	24	51	87	151		2102
EDGELEY EXP FARM	EVAP	–	.21	.07	.15	.14	.10	.10	–	–	–	.05	.10	.14	.13	.12	.14	*	*	.31	.08	.17	.30	.25	*	*	.20	.14	.11	.14	–		3.788
	WIND	91	29	115	83	149	72	92	89	174	170	91	65	88	124	195	149	95	93	185	167	*	181	78	119	207	258	89	40	156	131		3575
MANDAN EXP STATION (A)	EVAP	–	.06	.08	.10	.09	.09	.10	.14	.13	.07	.06	.07	.13	.04	.07	.09	.04	.05	.11	.12	.11	.19	.19	.20	.02	.01	.07	.09	.17	.01		2.798
	WIND	63	124	121	114	87	185	168	232	259	179	147	69	142	107	268	251	131	110	259	116	69	194	100	331	427	166	98	115	294	223		5149
RIVERDALE	EVAP	.13	.06	.07	.19	.08	.18	.16	.12	*	*	*	*	*	.48	*	*	*	*	*	.56	.17	.31	.27	.38	–	–	.15	.11	.23	.07		3.998
	WIND	89	67	72	72	106	220	161	200	218	110	*	*	*	464	*	*	*	551	143	103	117	152	95	266	252	107	107	159	241	251		4323
UPHAM 3 W	EVAP	.13	.10	.09	.10	.14	.11	.18	.10	.06	.07	.06	.10	.12	.01	.18	*	*	*	.33	.17	.31	.30	.09	*	.33	.11	.05	.09	.20	.15		3.68
	WIND	–	86	30	30	106	85	114	121	51	47	81	110	86	94	114	118	40	68	56	82	106	170	56	94	46	40	57	93	158	263		26928

(A) PAN 6 FEET IN DIAMETER, 24 INCHES DEEP, IN GROUND 20 INCHES.

Table 7

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	0.3							2.0	0.4	0.1	0.2				0.2	T								–	–					–	
	SN ON GND								1	1	1					T									–	–					2	
AMENIA	SNOWFALL								T	T				T																		
	SN ON GND								T	T																						
AMIDON	SNOWFALL		0.3	T			T		0.8	1.2						T	T								T	T					T	
	SN ON GND						T		1	2	1	1	1	T	T	T	T	T							T	T					T	
ASHLEY	SNOWFALL								T	T	T																					
	SN ON GND								T																							
BEACH	SNOWFALL									0.3	T					T															–	
	SN ON GND																														–	
BELCOURT INDIAN RES	SNOWFALL													T	1.0		T								10.0							
	SN ON GND																T								10	6	5	4	2	T		
BELFIELD	SNOWFALL								–	–	–	–				–																
	SN ON GND								2	1	1														T					T	T	
BEULAH	SNOWFALL																								1.0	0.6						
	SN ON GND																								T	T						
BISBEE	SNOWFALL									T				T											10.0							
	SN ON GND																								10	9	7	5	4	2		
BISMARCK WB CITY	SNOWFALL								1.2	1.0					T	T	T	T								2.6	T					
	SN ON GND								1	1	T				T	T	T	T								2	T					
BISMARCK WB AP	SNOWFALL		T					0.1	1.0	0.2	T	T		0.2	T	0.3	T	T							0.9	0.2						
	SN ON GND								T	T	T	T				T	T									1						
BOTTINEAU	SNOWFALL									T	T	T	0.1	0.6	0.3		0.1								3.0	2.0						
	SN ON GND																								3	3	1					
BOWBELLS	SNOWFALL										T				0.5	T	T	T							2.0	2.0						
	SN ON GND															T	T	T							2	3	2					
CARSON NO 2	SNOWFALL								1.0	0.5	T														0.3	4.3					1.0	
	SN ON GND								1	2	1														T	5	4	T			1	
CENTER	SNOWFALL									T	T		T		T	T									6.0	4.0						
	SN ON GND																								4	8	2	T				
CROSBY	SNOWFALL		T							T	T				T																	
	SN ON GND		T												T	T									T	T						
DEVILS LAKE WB CITY	SNOWFALL		T		T				0.6	0.6	T	T		1.0	0.1	0.6			T						1.9	0.1						
	SN ON GND									1	T	T	T	T	T		1	T								1						
DICKINSON CAA AP	SNOWFALL	0.4	T				T	0.3	2.0	0.4	0.1	0.1	T	T	0.3	0.1									1.0	T					6.5	
	SN ON GND								1	2	1	1				T	T	T								1					T	
DICKINSON EXP STA	SNOWFALL								0.8	1.0	T					0.8	T									2.5					T	
	SN ON GND								1	2	1	T	T	T		1	T									3					T	
DUNN CENTER	SNOWFALL								T	1.0		T		T	T	0.5	0.4								T	1.0	T					
	SN ON GND								T	1	T	T			T	T	T	T								1					T	
EDMORE 1 W	SNOWFALL		T						T	T					0.1										6.5							
	SN ON GND																								7	3	2	–	T			
ELLENDALE	SNOWFALL								T		T			T			T															
	SN ON GND																								T	T						
FARGO WB AP	SNOWFALL		T	0.1				T	T	T	T	0.7		T			0.1		T													
	SN ON GND			T							T	T														T						
FORT YATES	SNOWFALL							T	1.7							T									T	1.0						
	SN ON GND								1	1															T	T						
FOXHOLM 7 N	SNOWFALL																								–	–						
	SN ON GND																								3	–	–					
FULLERTON	SNOWFALL							T						T			T															
	SN ON GND																									T						

Table 7—CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
APRIL 1953

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GARRISON	SNOWFALL		T							0.6		T	T	T	1.2		T								2.0	1.0						
	SN ON GND									–	–	–	–	–	–	–	–								–	–	–	–	–	–	–	
GRAFTON STATE SCHOOL	SNOWFALL								T	1.6	T	0.6		T																		
	SN ON GND																															
GRAND FORKS CAA AP	SNOWFALL		T					T	3.0	1.4	T	T				0.3	T		T						T	T						
	SN ON GND								T	T		T					T															
GRAND FORKS UNIV	SNOWFALL								0.6	0.8							0.3		T													
	SN ON GND																															
GRANVILLE	SNOWFALL									T		T	T	T	T		T								8.0	2.0						
	SN ON GND																								8	6	3	1	T			
HANSBORO	SNOWFALL										T	T		T	0.5		T								8.0	T						
	SN ON GND													T											8	5	2	T				
HETTINGER	SNOWFALL								1.5	0.5	T														T	1.5						
	SN ON GND								1	1	1	T	T												T	1						
JAMESTOWN CAA AP	SNOWFALL		T					0.7	1.9	1.2	T	T		T		0.7	T								0.5	0.3					T	
	SN ON GND								1	1	T	T					T									T						
KENSAL WILDLIFE REFUGE	SNOWFALL																								3.0							
	SN ON GND																								3							
KILLDEER 8 NW	SNOWFALL								1.0	T	T	T			T										3.0					3.0	5.0	
	SN ON GND								1						T										3	2				3	7	
MANDAN EXP STA	SNOWFALL			T					1.0		T	T				T	0.1									1.5						
	SN ON GND																															
MAYVILLE	SNOWFALL		T						T	0.2	T	T					T		T							T						
	SN ON GND								T	T							T															
MC CLUSKY	SNOWFALL								T	0.5		T		T			T								8.5	6.0						
	SN ON GND									1															8	10	4	2	1	1		
MC HENRY 5 N	SNOWFALL		T						T	1.0		T		0.4			T		T						2.0	0.7						
	SN ON GND									T				T			T								2	2	T					
MEDORA 4 NNE	SNOWFALL								0.2	T	T	T		T	0.1	0.2									T	T					T	
	SN ON GND										T	T			T																	
MINOT CAA AP	SNOWFALL	T	T	T					T	T	0.1	T	T	T		0.1		T	T						15.5	0.7						
	SN ON GND									T	T	T					T	T	T						3	7	5	3	1	T	T	
MINOT EXP FARM	SNOWFALL	T	T	T					T	T	T	T	T	T	T		T	T							11.0	T						
	SN ON GND																								11	3	2	1	T	T		
MOHALL	SNOWFALL			T							T				1.0	T	T								4.0	0.5						
	SN ON GND			T							T					T									3	2						
MONTPELIER	SNOWFALL								T		T						0.3									1.0						
	SN ON GND								T		T																					
MOTT	SNOWFALL						T		2.0	1.0		0.5													2.0	1.0					2.0	
	SN ON GND								1	2	1														1							
MUNICH 4 SW	SNOWFALL									–		T		–											–	–						
	SN ON GND									T		T		1											12	10	7	4	1			
NAPOLEON 1 SE	SNOWFALL								T	T	T	T				T	T															
	SN ON GND								T	T	T						T															
OAKES	SNOWFALL	T	T					T			T	T		T												T	T					
	SN ON GND																															
PARSHALL	SNOWFALL		T	T					T	T	T	T	T					T							5.0	0.8						
	SN ON GND																								5	2	–					
PETERSBURG	SNOWFALL		0.6						0.8	1.4				0.2											2.0	2.0						
	SN ON GND		1						1	2	–	–													2	2						
PETTIBONE	SNOWFALL		T						1.0	1.5	0.8			T		0.2	0.3								4.5	4.0						
	SN ON GND		T						T	T	1						T	T							5	5	2					
PRETTY ROCK	SNOWFALL		T			T	T	T	2.0	2.0	T			T		1.0							T		3.0	1.0					T	
	SN ON GND		T				T	T	2	3	2	2	2	2	1	1	1								3	2	1	1				
RICHARDTON ABBEY	SNOWFALL	0.7	0.1				T		1.8	1.2	T	0.3	T	0.1	T	1.4	0.1	T							5.7	2.0		T		T	6.1	
	SN ON GND	T	T				T		1	2	1	T	T	T	T	T	T	T	T	T	T				5	3	1	T	T	T	5	
RIVERDALE	SNOWFALL								T	T				T	T	T	T								T	–	–					
	SN ON GND								T	T	T			T		T	T								T	6	1	T				
ROLLA	SNOWFALL									T	T	T	T		1.0	0.3	0.5								10.0	0.5						
	SN ON GND														T	T	T	T	T						10	6	4	1	1	T	T	
SAN HAVEN	SNOWFALL									T	T	T		T	0.3	T	0.3								10.0	T						
	SN ON GND	T	T														T								5	3	1	T				
SHARON	SNOWFALL		0.2						0.2	0.2							T									T						
	SN ON GND								T	T	T						T									T						
STANLEY	SNOWFALL																								–							
	SN ON GND																															
UPHAM 3 N	SNOWFALL											T		T										T	11.5							
	SN ON GND																								12	9	7	–	–	–		
VALLEY CITY	SNOWFALL	T								T	T	T							T													
	SN ON GND																															
WAHPETON STATE SCHOOL	SNOWFALL																T		T													
	SN ON GND																															
WESTHOPE	SNOWFALL										T				1.0										2.0							
	SN ON GND										T				T	T									2							
WILLISTON WB CITY	SNOWFALL	T	T						T	T	T	T	T	0.1	T	T		T	T						0.4	0.1				T	0.8	
	SN ON GND										T				T	T	T		T						T							
WILLOW CITY	SNOWFALL												T	T		T									7.0							
	SN ON GND																								7	3	2	1	T			

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300	8A	8A	CLOSED - - - - -	10-31-52
BALTA	0500	PIERCE	11	48 10	100 02	1550		4P	ROYCE E. PAULSON	3
BANTRY	0516	MC KENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - -	10/1/52
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		MID	W. H. HENDRICKSON	3
BURT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 25	99 12	-		MID	MARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON NO. 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER P. MADISON	2 3 5 7
CAVALIER	1435	PEMBIMA	9	48 48	97 38	889	6P	6P	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2595	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47 1	103 13	2750		6P	JOHN PETRYSZAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	6P	6P	EMIL E. RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	SOIL CONSERVATIONIST	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	7A	7A	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS GAA AP	3616	GRAND FORKS	10	47 56	97 05	832	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CMARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	10P	10P	L. O. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	-		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
MANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
MANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
MANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
MARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
MAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		MID	MAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	D. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCMAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N.DAK.SOLDIERS HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
MEDIMA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NAT'L PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760	5P	5P	U S FISH & W L SERV.	2 3 5
MOMALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF MANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	MAROLD FELDNER	2 3 5 7
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	LADYS J. PETERSON	2 3 5
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGAGE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS E CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSMALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV DEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5 7
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3 7
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CULLEN	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CMAS. M. METZINGER	3
RICMARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1819	7P	7P	THEO B. FAGERLUND	2 3 5
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK STATE HOSP.	2 3 5 7
# SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - -	9/30/52
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		7P	G. E. BURY	3
SMARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	6P	6P	THEODORE OCKERT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPMAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	6P	6P	CLOSED - - - - - -	8/16/52
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSGAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	VIRGIL B. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATONGA, S. D. 8 N	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATMAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	ERWIN A. VENTSCH	2 3 5
WATFORD CITY 14 S	9246	MC KENZIE	7	47 36	103 17	-	5P	5P	THEO. ROOSEVELT NMP	2 3 5
BISMARCK 12 ENE	0827	BURLEIGH	8	46 51	100 33	1709		5P	KEYR TRANSMITTER	3
UPHAM 3 W	8918	MC HENRY	12	48 35	100 47	1440	5P	5P	DEEP RVR DVLPMNT FM	2 3 5 6

† WATFORD CITY 14 S RECORD IS A CONTINUATION OF WATFORD CITY 20 SE.

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD.

DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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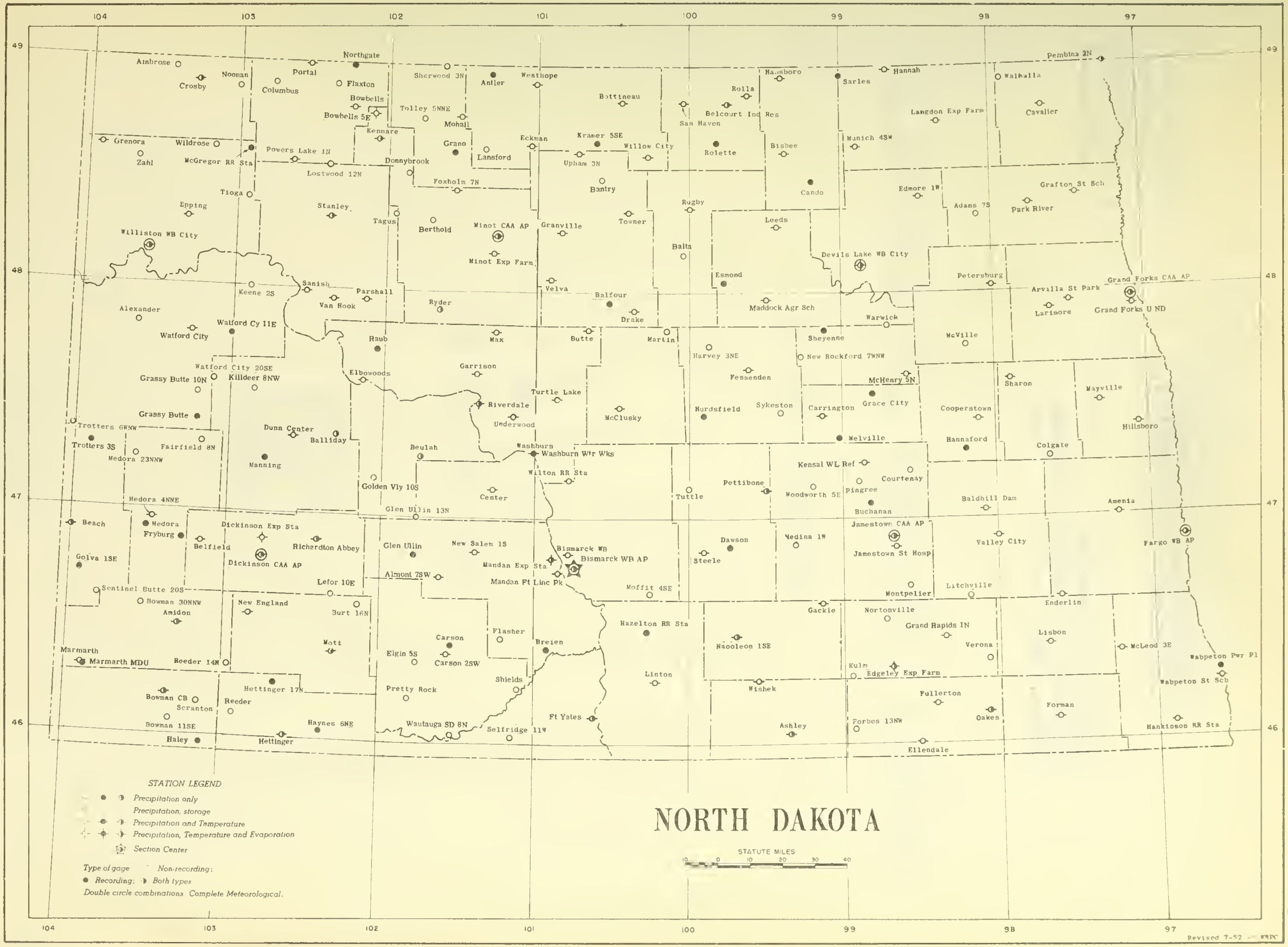
WRPC, KANSAS CITY, MO., -- 6-16-53 -- 870

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

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Volume LXII No. 5

KANSAS CITY: 1953

NORTH DAKOTA - MAY 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

This month was the wettest May since 1927 when an all time high of 5.68 inches was recorded. Four other years between 1896 and 1912 had wetter Mays than this year. Although temperatures averaged a little below normal it was generally a good month for outdoor work and spring seeding made good progress except in a few scattered areas.

The mean temperature for the month was 51.8 degrees which is 2.1 degrees below normal. The eastern division averaged 53.5 degrees which is 0.8 degrees below normal; the middle division averaged 51.8 degrees which is 2.0 degrees below normal; and the western division averaged 50.1 degrees which is 3.4 degrees below normal. The highest temperature was 92 degrees recorded at Pembina on the 7th and 8th. The warmest periods were generally around the 7th and again around the 29th. The lowest temperature was 19 degrees recorded at Kensal and Moffit on the 13th. All stations reported lowest readings between the 11th and 13th. The mean temperature ranged from 57.2 degrees at Wahpeton to 47.0 degrees at Lostwood 12 N.

Average precipitation over the state was 4.06 inches which is 1.80 inches above normal. The eastern division averaged 4.03 inches which is 1.54 inches above normal; the middle division averaged 4.10 inches which is 1.94 inches above normal; and the western division averaged 4.04 inches which is 1.89 inches above normal. Precipitation ranged from 6.61 inches at Max to 1.98 inches at the station 30 miles NNW of Bowman in north central Slope County. The greatest amount of precipitation in a single day was 3.10 inches at the Minot Experiment Farm on the 28th. Moderate to heavy snow accompanied the rain over the 1st and again on the 11th and 12th. The greatest amounts were generally reported in the western division which averaged 2.5 inches. The average snowfall for the state was 1.5 inches. Richardton reported 8.4 inches for the largest amount at any station.

It was a favorable month for most farm operations in practically all sections of the state. A few sections had excessive precipitation which seriously hampered seeding. Some wheat, oats, and barley still remained to be seeded at the end of the month in the wettest areas. About half the corn and a considerable amount of flax remained to be seeded. Crop prospects were described as unusually favorable at month's end. The same is true of pastures and hay crops which made rapid growth during the latter half of the month. Cool weather at the beginning slowed the growth of vegetation considerably. Wild oats continue to be a serious problem in many fields throughout the state and a few have been plowed under and reseeded to other crops.

A series of tornadoes struck portions of the state on the evening of the 29th and afternoon of the 30th. The most destructive struck the town of Fort Rice on the west bank of the Missouri River south of Bismarck on the evening of the 29th. The town was almost completely destroyed and several farms sustained major damage. Two people were killed during the storm. According to a Red Cross report, 16 homes were destroyed and 14 damaged; 43 other buildings were destroyed and 9 damaged. Cars and machinery were also damaged. Trees were uprooted in its path up to 600 yards wide as it crossed the Missouri River into northwestern Emmons County. It traveled about 20 miles in a northeasterly direction before dissipating. Two other tornadoes were reported in the east, in Richland County and northern Cass County on the same evening, which destroyed some buildings and damaged others on several farms. On the afternoon of the 30th five tornado funnels were observed in southern Stutsman County by a pilot flying from Bismarck to Fargo. Only two were observed to strike the ground but they were reported to have destroyed 4 barns on at least 2 farms. These storms occurred on the type of day in which severe weather is not normally expected. Clouds were generally scattered and more of the fair weather type. However, the clouds that produced the tornadoes were intensely black in contrast to the surrounding clouds.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CSS	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	10	12.8	57	SW	9	81	86	57	57	3	5	4	2	1	0	15	57	6.9
DEVILS LAKE W8 CITY	–	–	9.6	35	NE	11	–	–	–	–	6	6	2	5	0	0	19	51	6.4
FARGO W8 AIRPORT	NNE	10	13.4	60	5W	29	75	80	56	50	5	5	5	3	0	0	18	56	6.1
WILLISTON W8 CITY	–	–	7.7	37	5E	24	80	86	59	55	3	3	8	0	2	0	16	58	7.4

Table 1

COMPARATIVE DATA

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	46.6	96	13	2.20	3.9	12
1893	52.2	97	19	1.61	0.2	6
1894	54.6	98	23	1.51	0.0	5
1895	54.4	101	15	2.48	0.0	8
1896	56.9	103	22	4.98	0.0	13
1897	55.4	97	16	0.69	T	4
1898	52.7	92	14	1.98	0.0	5
1899	50.6	91	16	3.49	0.4	8
1900	59.2	106	15	0.69	0.0	3
1901	60.0	99	19	0.31	T	2
1902	55.9	94	24	3.57	0.4	10
1903	54.3	96	11	3.12	T	4
1904	54.2	93	20	1.60	T	6
1905	50.1	88	10	2.91	4.0	8
1906	50.8	99	11	4.91	0.4	12
1907	44.0	84	6	1.31	3.1	6
1908	50.8	88	9	2.90	0.9	8
1909	51.0	98	5	4.46	0.1	10
1910	50.7	94	10	1.03	0.1	6
1911	55.0	99	6	2.90	T	8
1912	54.2	90	16	4.39	0.7	11
1913	51.2	100	11	1.71	0.2	9
1914	55.2	95	16	2.12	1.0	8
1915	51.1	98	15	3.13	0.4	9
1916	51.0	95	7	2.10	0.3	8
1917	51.2	98	15	0.34	0.1	2
1918	51.7	99	6	2.27	0.5	9
1919	55.5	101	16	3.11	0.4	9
1920	53.9	89	20	1.76	0.1	7
1921	53.8	90	21	2.44	T	9
1922	56.3	93	24	3.39	0.1	12
1923	54.1	100	13	1.77	0.2	6
1924	46.9	84	15	0.81	0.0	5
1925	53.6	111	10	1.44	T	4
1926	58.5	105	10	2.20	0.0	7
1927	48.0	87	13	5.68	3.2	14
1928	58.2	107	16	1.08	0.0	5
1929	49.1	92	8	2.99	0.4	7
1930	50.8	98	18	2.62	0.7	9
1931	53.1	100	10	1.41	0.3	6
1932	55.9	98	25	2.15	2.2	6
1933	54.8	98	19	3.15	T	9
1934	63.6	111	18	0.36	0.0	3
1935	49.5	89	20	2.61	1.5	12
1936	61.0	100	20	0.80	T	4
1937	56.9	99	19	1.76	T	7
1938	52.0	88	18	2.55	0.2	11
1939	60.1	104	18	1.55	0	8
1940	54.9	96	17	1.97	0.1	8
1941	58.3	98	21	2.94	T	12
1942	50.0	87	19	3.03	0.5	11
1943	49.9	96	15	2.21	1.0	9
1944	58.2	95	11	2.73	0.1	11
1945	47.7	84	10	1.54	0.5	8
1946	50.6	88	10	1.60	0.6	9
1947	49.9	87	13	1.11	T	7
1948	55.1	101	22	1.38	0.1	6
1949	56.6	93	19	2.34	T	9
1950	49.4	95	23	3.44	8.8	11
1951	56.6	94	21	1.15	T	6
1952	55.3	95	20	0.68	T	5
1953	51.8	92	19	4.06	1.5	13

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	66.6	43.1	54.9	.2	87	7	27	13	320	0	0	5	0	3.79	.99	1.30	29	.0	0		15	2	1
ARVILLA STATE PARK	67.7	40.3	54.0		90	7	21	13	343	1	0	7	0	2.65		.82	30	T	0		11	2	0
CARRINGTON	61.3	38.9	50.1	-3.0	83	7+	23	13		0	0	11	0	3.82	1.33	.75	25	T	0		14	3	0
CAVALIER	66.6	41.4	54.0	.4	90	7	23	13	346	1	0	6	0	4.76	2.50	1.34	11	.5	T	11	15	3	1
COOPERSTOWN	66.0	41.1	53.6	- .2	85	7	24	13	350	0	0	5	0	5.17	2.64	1.95	11	T	0		10	3	2
DEVILS LAKE WB CITY R	62.5	42.3	52.4	- .6	84	6+	27	12+	391	0	0	4	0	3.59	1.46	.78	29	T	T	11+	13	5	0
EDGELEY EXP FARM	62.7	42.1	52.4	-2.0	86	30	25	13		0	0	5	0						0				
EDMORE 1 W	62.0	39.7	50.9	-2.3	86	7	24	13	431	0	0	7	0	3.01	1.15	.93	30	.0	0		9		0
ELLENDALE	66.8	43.6	55.2	- .1	86	29+	26	13	313	0	0	3	0	4.14	1.53	.94	29	.5	0		15	3	0
ENDERLIN	64.4	41.8	53.1		88	8	26	13		0	0	4	0	5.09		1.37	11	.0	0		16		1
FARGO WB AP R //	66.3	43.3	54.8	- .2	86	7+	25	13	331	0	0	6	0	3.44	1.27	.70	20+	T	T	24+	13	3	0
FORMAN	67.1	42.1	54.6	-1.1	88	29	25	13	335	0	0	5	0	5.79	2.84	1.18	29	.0	0		12	5	1
FULLERTON	66.6	43.4	55.0	.2	88	29	25	13	320	0	0	3	0	3.82	.83	.94	20	T	0		12	3	0
GACKLE	64.0	41.5	52.8	-1.5	83	7	24	13	376	0	0	4	0	3.24	.66	.68	30	.0	0		14	2	0
GRAFTON STATE SCHOOL	66.5	38.3	52.4	-1.7	90	7	21	13	393	1	0	9	0	4.49	2.47	2.12	30		0		13	2	1
GRAND FORKS CAA AP	65.0	41.7	53.4	- .8	88	7	26	12+	362	0	0	6	0	2.63	.13	.78	29	.7	T	12	11	1	0
GRAND FORKS UNIV	66.5	43.7	55.1	.9	88	7	27	12+	316	0	0	4	0	3.42	.92	1.13	30	T	0		13	3	1
GRAND RAPIDS 1 N	68.0	42.0	55.0		88	29	22	13	317	0	0	7	0	2.78		.44	11	.0	0		14	0	0
HANKINSON R R STA	65.9	43.8	54.9	-3.1	89	30	23	13		0	0	3	0	4.38	1.52	1.04	21	.0	0		12	4	2
HANNAH	63.6	38.1	50.9	- .7	86	7	22	13	434	0	0	10	0	3.44	1.33	.67	24	2.0	T	11	14	3	0
HILLSBORO	66.2	41.7	54.0	- .8	87	7	23	13	337	0	0	4	0	2.69	- .26	.71	20	.3	0		14	2	0
JAMESTOWN CAA AP	63.6	41.7	52.7	-1.4	84	7	25	13	379	0	0	5	0	5.64	2.87	2.72	29	4.5	1	11	12	3	1
JAMESTOWN STATE HOSP	64.9	42.6	53.8	- .3	84	7	25	13	346	0	0	5	0	4.86	2.09	1.53	30	T	0		13	3	1
KENSAL WILDLIFE REF	65.9	39.7	52.8		84	6	19	13	374	0	0	6	0	4.12		1.24	11	.0	0		10	4	1
LANGDON EXP FARM	64.5	37.7	51.1	- .7	87	7	21	12+	429	0	0	13	0	3.75	1.76	.68	30	.5	0		14	3	0
LARIMORE	65.5	42.1	53.8	.4	87	7	22	13	348	0	0	5	0	3.03	.30	.97	30	.0	0		14	2	0
LISBON	66.0	42.0	54.0M	- .8	87	29+	23	13	377	0	0	7	0	4.25	1.48	.95	11	T	T	12	9	3	0
MAYVILLE	66.9	43.3	55.1	- .3	86	7	25	13	315	0	0	4	0	2.87	.15	.70	29	T	0		19	2	0
MC HENRY 5 N	63.7	39.2	51.5	-1.2	84	7	21	13	413	0	0	11	0	3.99	1.68	1.54	11	T	T	11	12	3	1
MC LEOD 3 E	69.9	43.0	56.5M	.7	88	29			300	0	0		0	6.03	3.02	1.83	11	.0	0		12	3	2
MUNICH 4 SW	61.9	38.5	50.2		83	7	23	13	452	0	0	9	0	2.52		.52	30	.0	0		14	2	0
OAKES	63.0	42.6	52.8	-2.8	86	30	26	13		0	0	6	0	5.42	2.71	1.03	29	T	0		15	5	1
PARK RIVER	65.5	42.9	54.2M	.6	88	7	26	13	342	0	0	5	0	4.95	3.01	1.71	30	.0	0		12	3	2
PEMBINA 2 N	68.3	39.0	53.7	.5	92	7+	22	13	360	2	0	11	0	5.28	3.09	1.62	30	.0	0		14	5	1
PETERSBURG	64.4	39.4	51.9		85	7	23	12+	403	0	0	11	0	3.12	.68	1.07	30	.0	0		15	2	1
SHARON	64.1	41.3	52.7	-1.4	85	7	23	13	376	0	0	6	0	3.02	.28	.65	30	.0	0		12	3	0
VALLEY CITY	67.0	42.3	54.7	.1	85	7	24	13	322	0	0	5	0	4.07	1.29	1.58	11		0		12	3	1
WAHPETON STATE SCHOOL	70.1	44.2	57.2	.9	89	29	25	13	267	0	0	3	0	6.12	3.42	1.45	11	T	0		11	6	2
DIVISION			53.5	- .8										4.03	1.54			.3					
MIDDLE DIVISION																							
ASHLEY	63.1	40.7	51.9M	-2.3	85	29	22	13	409	0	0	6	0	2.93	.53	.66	29	1.0	1	11	12	2	0
BELCOURT INDIAN RES	62.3	38.8	50.6		82	6+	20	13	444	0	0	7	0	3.89		1.07	28	5.0	2	11	12	4	1
BISBEE	63.9	40.5	52.2	- .5	84	7	26	12	390	0	0	6	0	3.92	1.77	1.30	30	T	0		11	3	1
BISMARCK WB CITY R	60.9	42.7	51.8M	-3.0	82	7	28	13+		0	0	4	0	4.94	2.71	.86	21	4.9	3	12	15	5	0
BISMARCK WB AIRPORT	62.7	42.0	52.4	-2.3	83	6	27	12+	390	0	0	4	0	4.40	2.46	1.74	29.	1.8	T	11+	12	3	1
BOTTINEAU	60.6	40.2	50.4	-1.9	84	7	24	13		0	0	5	0	4.89	2.84	1.63	29	.8	1	11+	15	4	1
BUTTE	59.9	40.8	50.4M	-4.4	82	7+	25	12+		0	0	7	0	3.19	.71	.75	1	1.0	1	1	14	1	0
CARSON NO. 2	58.4	38.7	48.6	-5.9	80	8	23	12		0	1	9	0	4.27	1.87	.69	29	3.0	2	1	18	4	0
CENTER	62.3	39.9	51.1	-3.4	80	7	24	14	425	0	0	5	0	3.64	1.37	.69	20	2.0	1	11	9	3	0
DRAKE	60.5	41.2	50.9	-3.8	84	7	23	12		0	0	6	0	3.25	1.17	.67	11		0		15	2	0
ECKMAN	62.4	39.0	50.7	-1.9	87	7	25	13+		0	0	9	0	5.39	3.41	1.80	29	1.0	1	11+	12	4	2
FESSENDEN	64.3	40.3	52.3	-1.0	83	6+	20	12	391	0	0	8	0	3.88	1.60	1.20	11	4.0	4	11	15	3	1
FORT YATES	64.9	41.2	53.1M	-3.6	85	29	24	13	388	0	0	6	0	3.51	1.35	.73	1	T	T	11	13	3	0
FOXHOLM 7 N	65.0	40.9	53.0	-1.2	85	6+	27	13	373	0	0	4	0	3.68	1.65	1.57	28	.0	0		10	2	1
GARRISON	59.7	39.0	49.4	-4.2	82	7+	20	12		0	1	8	0	3.62	1.29			1.9	2	11	14		
GRANVILLE	64.9	41.3	53.1	.2	85	6	25	12	366	0	0	5	0	4.96	2.93	2.60	28	1.0	0		12	2	1
HANSBORO	64.4	40.2	52.3M	.8	85	6+	25	12	385	0	0	7	0	5.11	3.01	1.77	25	1.1	1	11	11	4	2
LEEDS	64.8	41.7	53.3M		84	7	26	13	367	0	0	7	0						1	11			
LINTON	65.7	42.3	54.0	-1.7	85	29	24	13	344	0	0	5	0	3.45	1.16	.70	1	T	0		13	2	0
MADDOCK AGR SCHOOL	65.5	40.7	53.1	- .7	86	7	23	12	364	0	0	8	0	4.01	1.96	1.22	11	.0	0		14	3	1
MANDAN EXP STATION	60.8	42.0	51.4	-3.7	82	7+	24	14		0	1	4	0	3.78	1.52	.74	21+	.0	0		15	3	0
MANDAN FT LINCOLN PARK	63.5	41.5	52.5M				26	12+	384	0	0	5	0	3.93		.79	24	T	T	11+	14	2	0
MAX	60.3	39.2	49.8	-4.3	84	7	25	12+		0	0	9	0	6.61	4.41	1.20	28	1.0	0		15	6	2
MC CLUSKY	62.6	40.6	51.6	-2.4	83	6	24	13	407	0	0	6	0	3.01	.55	.83	24	.0	0		14	2	0
MINOT CAA AP	60.6	41.8	51.2	-1.9	83	6	26	12	425	0	0	7	0	6.02	3.86	2.69	28	3.0	T	1+	13	2	2
MINOT EXP FARM	63.8	39.6	51.7M		84	6	25	12+	423	0	0	7	0	5.49		3.10	28	2.0	2	11	14	2	1
MOFFIT 4 SE	61.8	38.8	50.3		78	6+	19	13	447	0	0	8	0	4.53		.99	24	T	0		15	3	0
MOHALL	64.4	38.8	51.6M	-1.5	86	6	25	12	419	0	0	6	0	3.60	1.62	.65	28	4.0	3	11	14	2	0
NAPOLEON 1 SE	64.0	41.1	52.6	- .6	82	29	24	12+	389	0	0	4	0	3.35	.91	.95	30	3.0	2	11	13	2	0
NEW SALEM 1 S	60.9	39.5	50.2M	-3.2	80	6+	23	12	456	0	0	6	0	4.03	1.63	.98	20	2.0	T	1+	14	3	0
PETTIBONE	63.5	42.4	53.0M	- .2	81	6+	24	13	370	0	0		0	3.59	1.33	.81	24	2.0	1	11	14	2	0
RIVERDALE	59.4	40.7	50.1		81	7+	25	12		0	1	6	0	4.80		.82	25		1	11	17	4	0
ROLLA	62.9	40.1	51.5	- .5	83	6+	25	12	420	0	0	7	0	3.97	1.85	1.00	28	1.7	0		11	4	1
RUGBY	65.4	42.6	54.0		84	6+	26	12+	341	0	0	5	0	3.37	1.40	1.01	11	5.0	5	11	13	3	1
SAN HAVEN	62.9	40.7	51.8	-1.0	83	6+	25	12	408	0	0	6	0	4.04	2.17	1.80	28	1.0	1	11	12	1	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STEELE	64.0	40.8	52.4	-1.6	82	6+	23	13	386	0	0	5	0	4.98	2.46	1.14	24	4.0	T	11+	14	4	1
TOWNER	66.2	40.5	53.4	- .9	85	6	27	13	359	0	0	7	0	3.21	1.00	.89	11	4.0	4	11	8	2	0
TURTLE LAKE	63.5	40.2	51.9	-2.0	82	6	24	13	401	0	0	8	0	3.03	.86	.80	24	.0	0		13	2	0
UNDERWOOD	59.9	39.9	49.9	-6.4	81	7+	24	12		0	0	8	0	4.09	1.97	.76	29	3.3	3	11+	13	3	0
UPHAM 3 N	66.2	40.5	53.4M		88	6	25	12		0	0		0	5.64		2.05	28	2.0	0		13	3	2
UPHAM 3 W	64.6	40.3	52.5M		87	6	25	12	378	0	0	8	0	5.33		1.87	28	.9	0		11	4	2
VELVA	64.3	42.2	53.3	-1.3	85	6	26	12	367	0	0	5	0	4.65	2.47	1.16	28	1.0	1	11	11	3	1
WASHBURN	64.8	41.5	53.2	-2.1	85	6	25	12	369	0	0	4	0	2.90	.73	.82	24	.0	0		13	2	0
WESTHOPE	64.9	39.6	52.3	- .8	89	6	25	13	398	0	0	8	0	2.76	.88	.65	30	2.0	2	11	13	2	0
WILLOW CITY	64.0	39.5	51.8	- .4	85	6	25	13+	406	0	0	6	0	3.28	1.37	1.20	28	3.2	3	11	9	2	1
WILTON R R STATION	57.7	39.9	48.8M	-5.1			23	12		0	1	6	0	4.10	1.71	.82	21	1.0	1	11+	16	2	0
WISHEK	63.6	40.8	52.2	-1.0	83	29	22	13	395	0	0	6	0	3.59	1.18	.73	30	.0	0		13	1	0
DIVISION			51.8	-2.0										4.10	1.94			1.7					
WESTERN DIVISION																							
ALMONT 7 SW	62.1	41.0	51.6		81	6+	23	12	412	0	0	6	0	3.54		.77	20	7.3	2	1	14	4	0
AMIDON	58.2	39.6	48.9	-4.6	82	28	23	12		0	1	8	0	2.39	.05	.33	24	6.0	1	1+	17	0	0
BEACH	58.5	38.2	48.4	-4.6	82	7	23	12		0	1	9	0	4.18	1.92	.90	10	4.0			16	2	0
BELFIELD	61.1	36.7	48.9M	-4.2	82	6	20	12	495	0	0	9	0	4.25	1.90	.72	9		0		17	4	0
BOWBELLS	61.0	38.8	49.9M	-2.5	86	7	21	12		0	0	9	0	4.97	2.69	1.02	10	.0	0		14	5	1
BOWMAN COURT HOUSE	61.2	37.5	49.4	-4.2	82	27	22	12	481	0	0	8	0	2.54	.22	.84	29	.0			18	1	0
CROSBY	62.4	38.5	50.5	-1.8	85	6+	22	12	445	0	0	6	0	3.64	1.67	.96	10	1.0	0		10	3	0
DICKINSON CAA AP	59.2	38.5	48.9	-3.8	81	6+	22	12	492	0	0	8	0	2.89	.56	.57	8	4.2	3	1	17	1	0
DICKINSON EXP STA	59.1	39.2	49.2	-3.5	82	8	23	12		0	1	7	0	3.47	1.14	.65	1		2	1+	18	1	0
DUNN CENTER	59.4	38.1	48.8	-4.0	82	7+	22	12		0	0	8	0	4.71	2.37	1.23	1	7.0	5	1	18	3	1
ELBOWOODS	63.2	40.7	52.0M	-2.6	86	6			388	0	0		0	4.12	1.93	1.05	9	1.0	0		13	3	1
EPPING	63.4	38.5	51.0	-4.0	86	8	22	12	434	0	0	9	0	4.26	2.12	1.32	9	.0	0		13	2	1
GRENORA	62.7	39.7	51.2	-1.0	85	6	20	12	429	0	0	7	0	4.62	2.40	1.26	9	T	0		10	3	2
HETTINGER	59.9	39.0	49.5M	-5.0	78	6+	24	11+	477	0	1	8	0	5.16	2.88	1.76	29		0		13	3	1
KENMARE	60.2	39.1	49.7	-4.2	85	7	23	12		0	0	7	0	4.24	2.26	.72	10	.0	0		13	5	0
LOSTWOOD 12 N	59.5	34.5	47.0M		84	6	21	11	554	0	0	9	0	4.45		1.04	10	2.5	3	11	12	4	1
MARMARTH	63.4	39.0	51.2M	-2.4	85	27	25	11+	425	0	0		0	2.39	.10	.54	28	4.0			13	1	0
MEDORA 4 NNE	64.1	39.2	51.7M		83	7			410	0		8	0					3.0	3	1			
MOTT	61.1	39.6	50.4M	-4.2	80	7			436	0	0	8	0	E4.26	2.00	1.11	29	6.0	1	11	11	2	1
NEW ENGLAND	61.1	39.2	50.2	-3.0	80	6+	22	12	452	0	0	8	0	3.58	1.41	.90	9		0		14	1	0
NEWTOWN	63.0	40.4	51.7M	-3.5	84	6	25	13	406	0	0	5	0	3.62	1.67	.66	28	T	T	11	15	1	0
PARSHALL	62.9	38.6	50.8	-3.2	83	6	22	13	432	0	0	6	0	5.27	3.10	2.42	28	1.0	1	11	13	1	1
PORTAL	60.2	38.5	49.4	-2.7	86	7	20	12		0	0	8	0	4.54	2.47	1.13	10	2.0	2	11	14	4	1
POWERS LAKE 1 N	61.3	37.8	49.6M	-3.9	83	6	22	12	474	0	0	9	0	3.94	1.79	1.05	9	T	T	1+	11	4	1
RICHARDTON ABBEY	61.5	39.6	50.6	-3.3	81	6	22	12	438	0	0	6	0	2.86	.40	.50	1	8.4	5	1	16	1	0
STANLEY	60.4	37.4	48.9M		84	6	22	12	500	0	0	8	0	4.88	2.69	1.69	28	.0	0		11	3	1
WATFORD CITY	62.2	40.8	51.5	-3.0	86	6	24	11+	412	0	0	7	0	5.64	3.64	1.12	9		0		12	6	1
WATFORD CITY 14 S	63.8	39.6	51.7M		85	6	24	12	420	0	0	5	0	4.19		.93	28	T	0		13	4	0
WILLISTON WB CITY R //	60.2	41.6	50.9	-3.7	84	6	25	11	433	0	0	4	0	4.56	2.90	1.73	9	3.0	1	11+	13	2	2
DIVISION			50.1	-3.4										4.04	1.89			2.5					
STATE			51.8	-2.1										4.06	1.80			1.5					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
MAY 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	3.06	.10									T	.98	.02										T		.27	.50			.39	.17	.63	
ALEXANDER	5.80	.20	.23							1.92	.29	.18	T								.91		.05		.69	.18		.02	.59	.12	.42	
ALMONT 7 SW	3.54	.54	.40	T						.20	T	.07	.04			.02	.05				.77	.15	.05		.59	T	T		.08	.53	.05	
AMBROSE	4.55	.42	.25							1.29	.93	.15											T	.15	1.04		.27	T		.05	T	
AMENIA	3.79	.12	.07							.13	.20	.70	.02					.08			.42	.17	.07		.18	.07			.15	1.30	.11	
AMIDON	2.39	.30	.15	.13	.03					.02	.30	.03	.15								.06	.05	.10		.33	.22			.22	.19	.07	.04
ARVILLA STATE PARK	2.65	T	.01							.04	.26	.71	T			.08									.27	.07	T		.09	.22	.82	.08
ASHLEY	2.93	.61	.07							.07		.29	.02					.08			.27	.07	.49		.06				.24	.66		
BALTA	3.69	.30	T									.95				.02					T		.22	.36	.03				.55	.16	1.10	
BANTRY	4.65	.31										.60	T										.33		.61				1.98	.69	.13	
BEACH	4.18	.39	.15	.19	.01					.71	.90	.15	.13								.14	.08		T	.40	.17			.29	.13	.23	.11
BELCOURT INDIAN RES	3.89	.13	.03									.53				.03							.02	.05	.62	.34		.12	1.07	.15	.80	
BELFIELD	4.25	.67	.41	.03					.05	.72	.18	.17	.03							T	.19	.06			.58	.10	.05	T	.51	.33	.14	.03
BERTHOLD	4.24	.41	.11							.49	.24	.51											T	.22	.59	.03		.03	1.30	.28	.03	
BEULAH	2.15	.11	.05						.03	.30		.04								.33	.16		.17	.35	.35		.01	.07	.12		.06	
BISBEE	3.92	.14									.06	.71				.13								.15	.38	.16			.56	.32	1.30	.01
BISMARCK WB CITY	4.94	.71	.38	.05								.17	.14				T				.03	.86	.05	.04	.28	.74		.03	.14	.56	.76	
BISMARCK WB AIRPORT R	4.40	.35	.17									.29	T				T			.01	.73	.09	.04	T	.77			.01	.17	1.74	.03	
BISMARCK 12 ENE	5.64	.23	.32	.01								.19	.01				.01				.56	.34	.04		1.56	.03		.04	.24	1.02	1.04	
BOTTINEAU	4.89	.18	.05							.01	.03	.37	.01					.04		T				.19		.78	.02	.06	.73	1.63	.58	.21
BOWBELLS	4.97	.57	.23							.77	1.02	.10	.10	T	T	T	T	T						.33	.08	.60	.02	.10	.02	.42	.61	
BOWMAN COURT HOUSE	2.54	.11	.15	.08	.02					.07	.13	.05	.02		T		.02	.16	T	T	.24	.04	.21	T	.22	.02			.12	.84	.04	
BOWMAN 11 SE	3.14	.07	.20	.06						.17	.07	.05	.02				.04	T			.08	.08	.32		.16			T	.73	1.07	.02	
BOWMAN 30 NNW	1.98	.16	.20							.15	.17	.10									T	.05	T		.55	.03			.35	.10	.12	
BURT 16 N	2.77	.22	.35								.25	.03	.02				.03				.43	.08	.03		.44				.20	.65	.04	
BUTTE	3.19	.75	.20		.01						.25	.28	T								.43	.03	.02	.05	.13	.43				.27	.32	.02
CARRINGTON	3.82	.44	.10								.05	.50	.27								.15	.09	.10	T	.06	.75	.17			.22	.65	.27
CARSON NO 2	4.27	.55	.17	.17	T					.03	.34	.10	.17	T		T		.21			.05	.62	.15	.10	.16	.50		.06		.69	.12	.08
CAVALIER	4.76	.09	.02							T	.18	1.34	.02			.12		.02		.09				.06	.37	.30		T	.74	.08	.85	.48
CENTER	3.64	.40	.38						T	.40	T	.30	T		T						.69	.17	.17		.63				T	.50	T	
COLGATE	4.04	.18	.08						.05	.21	.05	.99						.02			.40	.13	.12		.43				.12	.58	.68	
COLUMBUS	4.21	.31	.05							.64	.78	.28											.46		.65	.29		.03	.04	.08	.60	
COOPERSTOWN	5.17	.08								T	.13	1.95	T								.45		.21		.75	.18			.07	.30	1.05	
COURTENAY	4.46	.16	.03							T	.02	1.10									.39	.01			.76	.05			.14	.50	1.30	
CROSBY	3.64	.35	.16							.93	.96	.10											.13		.66		.18			.15	.02	
DEVILS LAKE WB CITY R	3.59	.06	.01							.02	.73	.54	T			.05	T	T	T		.02		.12	T	.63	T		.01	.50	.78	.12	
DICKINSON CAA AP	2.89	.20	.14	T					.57	.40	.03	.28	T		T					.05	.15	.06	.16	.05	.38		.01	.25	.05	.05	.06	
DICKINSON EXP STA	3.47	.65	.25	.16	T					.35	.45	.06	.26			T					.12	.11	.01	.06	.40	.14		.03	.25	.11	.04	.02
DONNYBROOK	2.92	.20	.15					.02	.63	.56	T	.03										.13	.19	T	.40	.07			.48	.06		
DRAKE	3.25	.50	.18	.01							.02	.67	.18								.27	.01		.18	.15	.38			.04	.22	.23	.21
DUNN CENTER	4.71	1.23	.28	.07						.05	.46	.15	.23								.52	.03		.15	.58	.33	.03	.01	.27	.20	.11	.01
ECKMAN	5.39	.35	.30							.08	.15	.30	.08			T								.23	.10	.50	T	T	1.00	1.80	.50	T
EDGELEY EXP FARM	-	-	-	-							.51	.19	.12					.10				.57	.34		.25	.17			.19	.14	.04	
EDMORE 1 W	3.01									T	*	.68	T				T		T					.13	*	.46		T	*	.73	.93	.08
ELBOWOODS	4.12	.54	.12						.03	1.05	.05	.20									.66		.12		.48	.32			.28	.17	.10	
ELGIN 5 S	3.22	.21	.15	.07						.10	T	.03	T		T	T	T	.26		T	.82	.10	.36		.56		T		T	.56		
ELLENDALE	4.14	.27	.19	T						.27	.07	.34	.05					.08			.64	.19	.70		.17	.02			.16	.94	.05	
ENDERLIN	5.09	.44	.10	.03							.41	1.37	.34					.09				.79	.12	.11	.04	.06			*	.95	.20	.04
EPPING	4.26	.25	.12							1.32	.42	.18								.08				.16	.79	.42		.06	.32	.10	.04	
FAIRFIELD	4.73	.17	.41	T					T	.65	.09	.88	.04							T	.67	.03	.05		1.11	.02			.18	.13	.30	
FARGO WB AIRPORT R //	3.44	.12	.09							.24	.40	.61	.01		T	T		.02			.70	.15	.01		.01	T		T	.38	.70	T	
FESSENDEN	3.88	.21	.09							.03		1.20	.02	T		.01					.29	.07	.05	.02	.75	.02			.07	.44	.61	
FLASHER	5.28	.98	.29	.09							.14	.03	.08					.16				1.03	.12	.11	.22	.70		.05	.01	1.00	.27	
FLAXTON	3.60	.21	.07	.02						1.11	.75	.23				.01							.03	.03	.55	.07		.04	.07	.05	.35	.01
FORBES 13 NW	2.64	.12	.08							.27	.10	.28						.16			.37		.48	T	.24	T			.11	.39	.04	
FORMAN	5.79	.43	.11								.45	.60	.05								.87	.19	.53	T	.47				.69	1.18	.22	
FORT YATES	3.51	.73	.25	.02								.10	.02					.23			.62	.05	.70		.10				.35	.19	.15	
FOXHOLM 7 N	3.68	.30								.55	.27	.18											.12	.08	.42				1.57	.14	.05	
FULLERTON	3.82	.29	.16							.25	.06	.51	T					.15			.94		.56	T	.10				.32	.42	.06	
GACKLE	3.24	.20	.12								.05	.33	.04					.10			.41	.04	.30		.17	.02			.28	.50	.68	
GARRISON	3.62	.64	.19	T						T	.19	.18	.01								.62	.02		.05	*	1.04			.07	.20	.33	.08
GLEN ULLIN 13 N	3.18	.42	.37							.31		.16	.05		T						.41	.07	.11		.55				.08	.57	.08	
GOLDEN VALLEY 10S	2.76	.32	.13						T	.40	T	.15	.03								.36	.15	.14		.62	.16		.02		.28		
GRAFTON STATE SCHOOL	4.49	.09	.02							T	.28	.98	.01			.08		.02						T	.20	.27			.31	.09	2.12	.02
GRAND FORKS CAA AP	2.63	T	.02							.38	.46	.25	T			.07		T			.18		.02	T	.12	T		T	.01	.78	.34	T
GRAND FORKS UNIV	3.42	T	.03							T	.80	.67	.04			.09		T			.17		.03		.19	.02		T	.02	.18	1.13	.05
GRAND RAPIDS 1 N	2.78	.33	.07							.26	.13	.44	.03					.12			.38	.23	.32	T	.18	.03			T	.18	.08	
GRANVILLE	4.96	.30	.09							.03	.16	.20											.10	.15	.63	.16			2.60	.16	.38	
GRASSY BUTTE 10N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRENORA	4.62	.35	.27							1.26	1.10	.12									T			.09	.83		.37			.20	.03	
HALLIDAY	3.37	.38	.20	T					.57	.15		.16	.03								.44		.10		.57		.32		.25	.17	.03	
HANKINSON R R STA	4.38	.58	.20									1.03	.07					.14			.05	1.04	.36	.01		.02			T	.87	.01	
HANNAH	3.44	.11	.03							.09	.19	.35	T					T	T	.04				.06	.67	.44	.09		.50	.18	.57	.12
HANSBORO	5.11	.07	.03									.37				.01								.03	.64	1.77		.08	1.09	.03	.99	
HARVEY 3 NE	3.80	.15	.05								T	.75	.05								.40		.05	.28	.75	.02			T	.40	.90	
HETTINGER	5.16	.21	.37	.14						.31	T	.06						.10			.91	.04	.73	.02	.49					1.76	.02	
HILLSBORO	2.69	.11	.09							.02	.29	.11	.03			T		.09	T		.71		.05		.30	T		.09	.15	.63	.02	T
JAMESTOWN CAA AP	5.64	.36	.07							.08	.20	.89	T				T	.11			.50	.02	.22		.35	T		T	.12	2.72	T	
JAMESTOWN STATE HOSP	4.86	.39	.05							.04	.05	.90	.03					.21			.38		.23		.28				.12	.65	1.53	
KEENE 2 S	4.01	.27	.15							.43	.31	.56	.01								.61		.37	.11	.49	.06			.53	.05	.06	
KENMARE	4.24	.52	.25							.65	.72	.25	.10											.10		.52		.08	.11	.50	.35	.09
KENSAL WILDLIFE REF	4.12	.20									.11	1.24									.33		.11		.61	.08			.10	.52	.82	
KILLDEER 8 NW	3.98	.43	.19	.06						.60	.04	.19									.67		.16		.70	.09			.42	.21	.22	
KULM	2.40	.16	.12									.27	.05								.52	.22	.38		.19	T			.29	.11	.09	
LANGDON EXP FARM	3.75	.06	.07								.18	.48	T			.10			.02				T	.10	.55	.39		.06	.58	.42	.68	.06
LANSFORD	4.27	.40	.08							.30	.38	.24				T			T				.12	.01	.40	.02	.06		1.28	.20	.78	
LARIMORE	3.03	.02	T							.08	.05	.88	.02			.06					.06		T		.24	.06		.09	.05	.35	.97	.10
LEEDS	-	.12	.07									1.20			T		.01						.20	.38	-	-		.01	.27	.22	.88	.49
LEFOR 10 E	2.51	.17	.23	.04						.29		.12	.05								.27	T	.01		.34			.42	T	.51	.06	
LINTON	3.45	.70	.22									.49	.01				.02	.22			.58	.03	.40	.04	.07				.32	.35	T	
LISBON	4.25	.37								.29	T	.95	T					T			.70	.40	.22		T				.32	.73	.27	
LITCHVILLE	3.93	.48	.07							.20	.16	1.21	.02					.10			.28	.15	.35	.06	.33	.02			.09	.27	.14	T
LOSTWOOD 12 N	4.45	.31	.07							.95	1.04	.11	T										.07	.12	.54	.06		.06	.87	.25		
MADDOCK AGR SCHOOL	4.01	.20	.05							.01		1.22	.03			.04					.17		.19	.31	.70	.02		T	.13	.36	.58	
MANDAN EXP STATION	3.78	.57	.35	.09							T	.16	.04	T		T		T			.04	.74	.02	.06	.33	.74		T	.07	.30	.24	.03
MANDAN FT LINCOLN PARK	3.93	.40	.39	T						T		.30	.02				T				.58	.27	.08	.03	.79	.02		T	.27	.41	.33	.04
MARMARTH	2.39	T	.45	.07						.32	.23	.11	.04							T	.01	.02	.05		.34			T	.54	.17	.04	
MARTIN	2.74		.15									.60	.05								.28				.56					1.10		
MAX	6.61	.65	.42	T						.07	.32	.16	.30								.63		.15		.53	1.05	.01	T	1.20	.62	.30	.20
MAYVILLE	2.87	.04	.05							.04	.33	.09	.01			.01		.04			.60	.06	.06	.30	.30	.02		.02	.04	.70	.15	.01
MC CLUSKY	3.01	.28	.22								.01	.53	.03								.45	.08	.04		.83	.02		.04	.02	.30	.16	
MC HENRY 5 N	3.99	.06	.09							.01	.07	1.54									.14		.04		.60	.11			.06	.40	.87	
MC LEOD 3 E	6.03	.25									.15	1.83			.07						.83	.28	.22	.04	.03				.47	1.81	.05	
MC VILLE	3.17	.03	.12									1.02				.06					.14		.06		.37	.06		-	.04	.55	.72	
MEDINA 1 W	3.80	.22	.07							.03	.42	.20									.46	.04	.08		.23				.27	.87	.91	
MEDORA 4 NNE	-	.45	.29	.02						.46	.09	-	.13							T	.25	.02			1.19	.12			.55	.16	.22	
MEDORA 23 NNW	5.38	.52	.22	.08						.16	.85	.25	.17								1.10	.03		.03	.64	.50			.36	.41	.06	
MINOT CAA AP	6.02	.43	.09						.09	.19	.17	.32			T	T					.01		.37		.40	.05		1.02	2.69	.19		
MINOT EXP FARM	5.49	.36	.13							.10	.18	.41	.05					T			.04		.15	.08	.52	.10		T	3.10	.23	.04	T
MOFFIT 4 SE	4.53	.28	.21									.47	.01	T			T	.24			.63	.21	.07	.04	.99	.06		.06	.39	.71	.16	
MOHALL	3.60	.47	.04							.42	.53	.47						T					.01	.02	.37	.14	T	.03	.65	*	*	.45
MONTPELIER	4.04	.35	.09							.08	.26	.96	.01					.11			.37	.19	.23		.21	.01		T	.10	.56	.51	T
MOTT	E 4.26	.40	.44	.02						.18	T	E.20	.17		T		.60			T	.46	T	.25		.43			T		1.11	T	
MUNICH 4 SW	2.52	.04							T	.09	.01	.51				.03		T					.05	.09	.43	.03		.03	.36	.30	.52	.03
NAPOLEON 1 SE	3.35	.25	.11							.14		.26	T					.26			.52	.10	.25	.02	.10	T			.19	.20	.95	
NEW ENGLAND	3.58	.01	.39	.02						.90	.12	.19	.25								.12		.12		.37	.46			.40	.19	.04	
NEW ROCKFORD 7 WNW	4.74	.16	.08							T	.95	1.12				T					.19	.04	.02		.83	.03	T	.21	.50	.50	T	.11
NEW SALEM 1 S	4.03	.42	.26	T						.12	T	.15				.03	.10			.10	.98	.20	.19		.72				.08	.60	.08	

See reference notes following station index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN	3.62	.34	.03		.01				T	.40	.29	.21	.05								.47		.15	.11	.49	.01			.66	.17	.73	
NOONAN	3.94	.32	.10							.64	.96	.26											.20	.15		.82	.25			.10	.14	
NORTONVILLE	2.66	.15	.09							.18	.19	.29									.38	.18	.22		.28	.03			.30	.12	.25	
OAKES	5.42	.68	.17	.05							.73	.33	.20		T			.05			.10	.81	.62		.16	.09			.18	1.03	.22	
PARK RIVER	4.95	.10									.09	1.38	.02			.11		.01							.76	.34			.50	.12	1.71	.31
PARSHALL	5.27	.26	.06							.35	.21	.19				T	T		T		.45		.08	.13	.41	.07			2.42	.24	.40	
PEMBINA 2 N	5.28	T	.01							.24	.61	.65	T			.18		.04	.02				.03	.76	.12	T		.62	.30	.08	1.62	T
PETERSBURG	3.12	T	.07							.02	.10	.61	.03	.02							.12				.43	.23	.02	.05	.09	.20	1.07	.06
PETTIBONE	3.59	.28								.08	.02	.48	.04								.44	.12	.09		.81	.08			.12	.64	.38	.01
PINGREE	4.50	.27	.05							T	.13	1.00									.45		.05		.50	.10			.70	.84	.91	
PORTAL	4.54	.46	.15							.53	1.13	.21	.05			T								.17	.02	.78	.07	T	.06	.07	.28	.56
POWERS LAKE 1 N	3.94	.13	.05							1.05	.87	.70											.50	.10	.50	T		.10	.30	.14	T	
PRETTY ROCK	4.99	.37	.28	.05					T	.25	T	.11	.05					.27		T	.95	.17	.35	T	.85		T		T	1.21	.08	
REEDER	5.75	.10	.25	.05						.45	.10	.10					.30				.80	.05	.60	T	.25				1.60	1.05	.05	
REEDER 14 N	2.55	.29	.14	.10	.03						.34	.01	.01						.04		.04	.28	.25		.09	.11			.29	.47	.06	
RICHARDTON ABBEY	2.86	.50	.39	.02					T	.03	.13	.27	.07		T						.30	.02	.05		.47	.23	T	.02	.07	.28	.06	
RIVERDALE	4.80	.64	.52	.07						.16	.15	.22	.03	T		T					.67	.13		.05	.38	.87		.02	.16	.28	.27	.23
ROLLA	3.97	.17	T							T	T	.17				.11								.02	.65	.83		.17	1.00	.12	.72	.01
RUGBY	3.37	.18	.04									1.01	.01			.01							.24	.25	.27	.14			.63	.07	.50	.02
RYDER	3.65	*	.15							.75	.32	.23									.45			.21	.49	.21			.53	.06	.25	
SAN HAVEN	4.04	.08	.02									.38				.02							T	.03	.40	.26		.11	1.80	.10	.40	.44
SCRANTON	2.55	.17	.41	.08						.11	.06	T	.04					.11		T	.29	.05	.31		.18				.32	.41	.01	
SELFRIDGE 11 W	3.23	.32									T		.44					.23			.45		.63		.50	.28			.38		T	
SENTINEL BUTTE 2 S	2.73	.17	.22	T						.32	.17		.20							.10			.10		.68			.28	.20	.17	.12	
SHARON	3.02	.10								T	.20	.64	T		.05						.33		.13		.56	.03		.05	.03	.25	.65	
SHERWOOD 3 N	3.03	.35	.08							.49	.47	.30				T							.11		.37	.06		.05	.38	.15	.27	
SHIELDS	3.53	.45	.18									.13						.15			.65	.10	.55		.46				.01	.85		
STANLEY	4.88	.24	.16							.95	.34	.16											.16	.15	.59	.18			1.69	.26		
STEELE	4.98	.35	.12									.42	.02			T	T	.06			.60	.15	.06	.05	1.14	.02			.29	.80	.90	
SYKESTON	3.98	.15	.07								T	1.04	T								.29	.04	.02		1.10	.14			.02	.33	.78	
TAGUS	2.92	.20	.10							.50	.26	.24				T				T				.19		.06		.03	1.19	.12	.03	
TIOGA	-	.35	.05							.70	-	.35									T				.90		.04		.35	.04		
TOLLEY 5 NNE	4.92	.61	.42							.70	.43	.54											T		.51	.06		.14	.55	.12	.70	.14
TOWNER	3.21	.20										.89												.36	.44	.24			.64	.10	.34	T
TROTTERS 6 WNW	5.43	.58	.15	T						1.27	.68	.07									.95	.01	.17		.60				.76	.10	.09	
TURTLE LAKE	3.03	.35	.20								.03	.32				T					.50	.03	.05	.02	.80	.07			.16	.40	.15	
TUTTLE	5.69	.29	.15							T		.25						.03			.54	.21	.03	.02	.99				.16	1.19	1.83	
UNDERWOOD	4.09	.60	.35								.35	.55	.03			T						.40	.02		.39	.31			.20	.76	.03	.10
UPHAM 3 N	5.64	.34	.06								.25	.49	.02										.04		.57	.06	.02		2.05	.15	1.10	.49
UPHAM 3 W	5.33	.36	.05						T		.19	.52											.06	.16	.82	.13			1.87	.11	1.06	
VALLEY CITY	4.07	.21	.05							.51	T	1.58									.30	.05	.21		*	.33		T	.05	.65	.13	
VELVA	4.65	.30	.10							T	.17	.49									.25			.14	.63	.29			1.16	.15	.97	
VERONA	3.75	.32								.52	.01	.67						.08			.51	.15	.25		.62	.08			.28	.11	.15	
WAHPETON STATE SCHOOL	6.12	.57	.14								.15	1.45	.08								.92	.56	.35		.05				.62	1.23		
WALHALLA	5.09	.15	.10								.15	1.48	.03		.08					.03				.04	.60	.58			.45	.30	.84	.26
WARWICK	3.95											1.52									.20		.06		.57	.11		T	.09	.49	.91	
WASHBURN	2.90	.26	.34								.13	.13	.02								.59	.13	.07	.02	.82				.02	.35	.02	
WATAUGA 8 N S OAK	5.37		.14							.08	T	.12	T				T	.30			1.20	.08	.72		.57					2.16	T	
WATFORD CITY	5.63	.24	.21							1.12	.56	.27									.96		.52		.58	.16			.63	.22	.16	
WATFORD CITY 14 S	4.19	.26	.27	.02						.35	.60	.11									.68		.06		.53	.08			.93	.19	.11	
WESTHOPE	2.76	.23	.05							.13	.08	.32	.12			.07								.03	.53	.10		.05	.40		.65	
WILDROSE	3.93	.35	.10							.85	.86	.28											.12	.24	.73	.25					.15	
WILLISTON WB CITY R //	4.56	.18	.10	T					.08	1.73	.34	.29								.10	.21		.03		1.02	T		.19	T	.25	.04	
WILLOW CITY	3.28	.13	.08								T	.75				T				T			T	.12	.34	.22		T	1.20	.06	.38	
WILTON RR STATION	4.10	.64	.35	.14							.13	.15	.06					.01			.23	.82			.33	.32		.02	.20	.25	.36	.09
WISHEK	3.59	.44	.18							.10		.40	.03					.06			.41	.11	.39		.09	T			.21	.44	.73	
WOODWORTH 5 E	4.48	.30	T							T	.31	.60										.43		.05	.97				.14	.85	.83	
ZAHL	4.06	.38	.18							1.22	.92	.16									.01			.15	.57	.28			T	.13	.06	

See reference notes following Station Index.

Table 5·

DAILY TEMPERATURES

NORTH DAKOTA
MAY 1953

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7SW	MAX	40	40	55	64	73	81	81	80	69	53	40	38	48	53	59	64	62	70	68	55	56	63	70	64	68	65	73	71	67	63	73	62.1
	MIN	32	32	38	39	40	49	49	55	52	40	28	23	27	27	33	41	40	39	47	33	34	37	40	51	46	40	49	57	58	47	48	41.0
AMENIA	MAX	46	61	67	70	78	84	87	85	75	63	55	40	54	52	55	68	67	68	63	49	63	63	74	70	78	69	70	62	84	78	67	66.6
	MIN	36	38	33	42	43	50	46	45	55	50	36	28	27	30	32	29	46	39	47	41	40	45	44	54	53	46	50	45	54	60	52	43.1
AMIDON	MAX	35	40	41	48	58	70	74	80	74	61	44	30	37	46	55	60	64	57	68	66	46	55	61	68	59	62	64	82	71	67	61	58.2
	MIN	30	32	32	37	38	46	48	53	49	40	25	23	27	27	31	41	37	34	48	36	35	36	39	49	43	42	49	58	58	42	43	39.6
ARVILLA STATE PARK	MAX	42	64	66	70	79	89	90	87	81	72	58	41	55	54	53	73	69	66	61	58	65	70	76	75	75	69	68	64	67	76	66	67.7
	MIN	36	38	32	34	[illegible]	42	51	46	51	48	31	26	21	26	31	26	42	33	41	38	39	45	45	48	50	44	43	54	52	52	52	40.3
ASHLEY	MAX	38	44	61	64	71	79	80	78		71	51	36	45	47	56	68	64	67	69	59	58	59	67	63	75	67	67	63	85	69	72	63.1
	MIN	33	33	32	37	34	39	48	51	50	43	29	24	22	28	32	35	44	35	45	39	36	42	43	52	50	45	50	55	56	53	47	40.7
BEACH	MAX	37	49	40	48	58	74	82	81	73	60	40	27	37	44	56	61	69	58	69	64	41	57	58	69	60	59	65	79	64	65	69	58.5
	MIN	30	31	32	39	37	40	49	53	47	36	25	23	24	28	31	31	38	34	42	39	35	38	37	45	42	40	44	51	58	43	42	38.2
BELCOURT INDIAN RES	MAX	38	56	62	67	76	82	82	78	70	63	45	39	50	53	48	68	64	66	62	54	58	65	70	63	65	65	65	60	60	70	66	62.3
	MIN	32	33	33	43	38	35	54	52	51	43	26	25	20	25	28	29	39	33	38	35	35	43	44	43	47	42	40	50	50	51	47	38.8
BELFIELD	MAX	36	38	47	65	73	82	80	73	62	48	34	39	47	53	62	67	60	65	65	55	64	59	70	64	70		78	70	64	69	73	61.1
	MIN	30	29	35	35	34	39	42	50	42	32	24	20	27	27	29	34	37	49	39	35	34	32	33	47	37	40	42	54	48	41	40	36.7
BISBEE	MAX	40	55	62	67	75	82	84	80	73	66	53	38	52	55	50	70	63	68	65	55	60	65	72	66	78	65	68	60	60	70	65	63.9
	MIN	33	34	34	42	39	47	50	49	51	44	28	26	27	28	29	27	43	36	39	38	35	44	46	48	49	42	42	51	54	52	49	40.5
BISMARCK WB CITY	MAX	41	41	50	60	66	74	82	79	79	71	49	34	39	49	52	58	62	62	70	67	45	59	63	71	61	72	67	72	66	67		60.9
	MIN	35	33	36	40	40	43	52	56	56	46	30	29	28	28	33	41	46	36	51	39	35	43	42	52	48	45	51	57	61	50		42.7
BISMARCK WB AIRPORT	MAX	39	48	59	65	74	83	82	81	72	59	41	39	49	52	58	63	64	70	65	47	55	62	73	60	72	67	73	66	67	66	73	62.7
	MIN	36	34	40	40	38	41	46	57	50	41	29	27	27	28	35	41	42	35	47	36	37	43	41	53	45	45	50	59	57	51	50	42.0
BOTTINEAU	MAX	40	39	57	61	66	76	84	82	79	69	56	33	42	51	55	50	69	57	68	57	56	59	65	69	55	64	67	66	58	60	70	60.6
	MIN	33	34	36	41	36	40	48	63	52	42	28	27	24	31	30	33	40	34	42	39	38	36	45	47	46	41	44	45	51	53	47	40.2
BOWBELLS	MAX	39	40	51	51	64	76	86	83	77		49		42	51	55	65	71	50	70	57	55	58	62	69	55	61	65	70	66		69	61.0
	MIN	32	32	32	34	41	44	50	55	50	39	25	21	26	30	29	34	41	32	39	39	35	35	42	45	48	37	45	46	53	42	49	38.8
BOWMAN COURT HOUSE	MAX	40	38	47	57	70	79	80	78	74	49	35	37	44	54	61	65	62	66	70	61	54	54	68	66	63	63	82	76	68	65	72	61.2
	MIN	30	31	35	38	34	43	43	49	47	33	23	22	26	25	29	43	36	32	44	35	34	37	35	41	38	39	46	59	53	41	42	37.5
BUTTE	MAX	40	37	52	59	64	73	82	82	78	66	55	36	37	50	55	54	59	69			48	59	65	71	55	69	65	69	66	61	60	59.9
	MIN	32	32	34	40	40	43	52	56	49	43	28	25	25	28	32	34			43	36	36	43	43	50	50	43	47	47	50	53	50	40.8
CARRINGTON	MAX	40	39	55	61	65	74	83	83	81	70	61	34	38	52	52	52	67	55	68	58	50	60	60	73	63	73	65	69	65	63	71	61.3
	MIN	32	31	30	31	40	44	50	53	52	45	30	24	23	25	31	32	38	32	35	34	35	40	39	50	47	48	44	45	50	52	45	38.9
CARSON NO 2	MAX	37	36	52	54	60	71	79	80	79	78	52	31	37	47	51	57	59	64	67	67	47	53	57	68	57	70	62	64	57	60	57	58.4
	MIN	31	31	32	37	35	48	54	53	54	41	29	23	25	30	29	36	35	36	47	38	32	39	39	40	40	43	49	50	39	41	45	38.7
CAVALIER	MAX	43	63	66	69	79	87	90	86	82	70	51	52	57	56	51	71	67	62	60	59	65	67	75	73	70	63	66	64	61	73	68	66.6
	MIN	35	38	37	38	43	48	49	46	52	48	31	27	23	30	31	29	45	38	38	34	38	45	49	48	50	42	42	50	52	55	52	41.4
CENTER	MAX	39	47	57	63	73	78	80	79	79	55	49	38	49	53	56	66	60	68	63	55	55	62	70	63	69	65	72	67	67	65	70	62.3
	MIN	34	33	32	37	33	38	44	54	54	48	28	25	26	24	36	35	40	33	47	36	37	44	38	50	44	42	45	56	52	44	48	39.9
COOPERSTOWN	MAX	40	59	65	68	75	84	85	83	79	74	66	55	52	52	51	69	65	66	57	55	62	65	72	70	74	66	68	65	65	72	67	66.0
	MIN	33	36	31	38	39	42	47	48	53	47	33	25	24	28	33	30	48	33	46	35	38	46	43	50	50	43	45	53	53	55	50	41.1
CROSBY	MAX	38	46	53	64	76	85	85	80	68	48	46	42	50	55	55	71	60	72	71	53	57	60	68	68	60	64	74	68	62	65	71	62.4
	MIN	32	33	37	39	38	43	45	52	46	39	23	22	26	27	27	36	38	33	40	39	38	36	39	41	44	38	47	54	51	43	49	38.5
DEVILS LAKE W B CITY	MAX	39	56	62	65	76	84	84	82	70	60	43	38	51	53	50	70	58	67	57	50	61	68	73	62	71	66	67	61	61	70	64	62.5
	MIN	33	36	35	39	42	50	54	52	56	43	29	27	27	34	31	33	44	36	41	37	39	48	48	49	50	44	45	53	52	54	51	42.3
DICKINSON CAA AP	MAX	36	38	50	59	71	81	81	77	62	45	33	38	45	53	58	65	58	68	63	43	56	59	71	56	63	64	75	70	65	61	71	59.2
	MIN	31	32	37	40	37	44	45	45	42	31	25	22	29	28	32	40	39	39	42	36	37	37	39	45	42	41	48	57	44	43	44	38.5
DICKINSON EXP STATION	MAX	35	40	47	50	62	72	80	82	77	63	41	30	40	47	54	60	68	59	69	63	46	57	60	70	58	63	63	75	70	70	62	59.1
	MIN	32	32	32	36	36	36	46	52	50	39	30	23	25	29	34	37	39	36	45	37	35	40	36	50	40	40	49	57	49	42	52	39.2
DRAKE	MAX	40	37	55	62	66	75	84	83	78	67	57	33	38	51	55	52	68	60	69	56	47	58	64	71	57	70	67	69	63	65	60	60.5
	MIN	33	33	32	41	41	47	52	57	53	45	30	23	26	28	31	34	43	36	35	36	37	37	46	50	50	44	47	49	51	56	54	41.2
DUNN CENTER	MAX	37	43	43	55	64	75	82	82	78	62	45	33	42	48	54	59	70	63	70	63	42	56	60	70	58	62	63	73	68	60	61	59.4
	MIN	32	32	32	37	35	37	45	52	50	39	29	22	24	25	33	37	40	31	44	37	35	34	35	45	37	39	48	49	57	44	44	38.1
ECKMAN	MAX	41	45	56	60	60	79	87	85	81	74	50	34	43	53	57	53	73	62	71	58	57	63	72	65	56	66	67	70	62	60	67	62.4
	MIN	34	33	30	40	38	40	47	55	48	42	28	26	25	25	28	32	40	31	41	39	30	35	44	45	48	39	44	45	54	53	50	39.0
EDGELEY EXP FARM	MAX	40	39	46	64	66	73	80	80	78	74	57	39	40	49	50	55	68	67	68	67	50	60	62	72	61	76	69	68	65	86	75	62.7
	MIN	35	36	35	40	40	43	52	45	54	46	32	26	25	29	32	34	42	38	48	40	39	39	44	52	52	45	48	53	55	56	50	42.1
EDMORE 1 W	MAX	41	54	64	67	72	85	86	82	72	65	53	38	45	50	48	65	58	63	62	49	60	63	73	69	65	60	65	57	60	70	60	62.0
	MIN	34	34	35	33	38	42	46	48	55	46	30	25	24	25	30	32	46	31	39	38	35	45	44	49	48	42	42	45	47	54	50	39.7
ELBOWOODS	MAX	43	46	55		76	86	85	74		54	40	42	52	58	58	72	62	71	65	56	59	65	71	71	65	64	74	68	68	62	71	63.2
	MIN	26	36	37		45	37	50	53		27	25	25		28		45	42	32	46	36	38	42	38	50	45	41	51	57	57	40	49	40.7
ELLENDALE	MAX	41	44	64	67	73	82	81	79	76	71	56	45	48	52	57	70	68	69	70	63	62	61	73	63	77	75	68	69	86	86	75	66.8
	MIN	36	37	35	43	41	47	50	47	53	47	32	27	26	33	34	33	48	39	43	41	40	45	46	53	56	48	50	55	58	56	52	43.6
ENDERLIN	MAX	40	43	57	65	69	75	84	88	83	76	56	44	39	51	52	55	68	65	69	61	45	63	64	74	65	77	70	71	63	86	78	64.4
	MIN	36	37	33	41	40	43	43	50	50	48	35	29	26	29	33	28	38	37	37	44	40	42	46	46	54	48	47	54	53	57	51	41.8
EPPING	MAX	39	45	50	63	76	85	84	86	71	48	43	38	52	56	57	72	70	72	70	60	65	64	70	71	60	65	60	75	63	62	72	63.4
	MIN	32	32	35	40	39	46	48	54	48	32	23	22	25	29	28	36	41	32	37	37	37	35	39	48	42	42	40	48	55	43	47	38.5
FARGO WB AIRPORT	MAX	46	61	66	69	76	83	86	84	78	62	49	40	52	52	54	68	68	67	65	47	62	65	75	68	79	68	71	63	86	78	66	66.3
	MIN	37	39	32	39	38	44	48	51	57	48	31	28	25	32	36	32	42	36	47	40	41	48	47	54	54	46	49	53	59	57	53	43.3
FESSENDEN	MAX	39	57	64	68	75	83	83	82	73	67	55	38	50	54	52	69	65	69	67	55	58	65	74	69	68	68	64	62	62	70	69	64.3
	MIN	31	34	31	40	35	40	47	56	51	44	30	20	24	27	32	30	45	33	44	36	39	46	44	49	43	44	46	50	55	55	47	40.3
FORMAN	MAX	41	49	64	67	73	83	84	82	80	73	54	40	49	52	56	70	70	70	71	60	61	65	73	60	77	70	71	67	88	84	75	67.1
	MIN	35	37	31	41	38	40	46	51	56	40	33	28	25	32	34	32	35	35	48	41	40	45	48	50	47	47	49	52	56	61	52	42.1
FORT YATES	MAX	40	46	60	65	73	80	81	81	75		40	40	48	52	60	68	63	68	70		57	61	72	70	76	72	72	69	85		73	64.9
	MIN	32	32	40	40	40	38	50	56		40	29	29	24	25	34	35	45	37		38	36	43	42	53	43	45	54	58	59	50	48	41.2
FOXHOLM 7 N	MAX	45	55	54	64	76	85	85	82	77	73	49	42	52	56	54	70	70	67	68	55	59	64	70	70	65	67	73	69	63	67	69	65.0
	MIN	34	33	34	37	44	40	53	57	50	40	28	29	27	31	33	33	44	42	44	38	38	34	44	42	49	44	45	54	49	50	49	40.9
FULLERTON	MAX	40	45	63	68	73	83	85	81	78	69	54	41	51	54	57	73	64	70	70	58	63	63	75	62	77	70	71	64	88	80	75	66.6
	MIN	36	37	33	43	39	43	50	46	54	47	34	28	25	32	35	34	49	37	43	41	40	46	46	54	57	48	50	54	58	56	51	43.4

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	39	46	60	65	73	82	83	79	79	71	52	39	50	50	53	63	61	66	64	59	58	62	72	70	74	69	67	65	70	71	71	64.0
	MIN	33	34	33	38	38	42	51	51	53	46	31	26	24	28	33	36	40	36	41	38	38	46	46	51	54	46	48	51	54	53	48	41.5
GARRISON	MAX	38	37	49	57	64	74	82	82	79	64	49	32	40	49	54	56	64	69	69	60	45	55	63	71	56	65	65	70	66	64	64	59.7
	MIN	32	32	33	30	33	42	50	56	52	40	27	20	25	28	31	35	41	39	40	34	35	40	40	41	46	44	47	50	57	42	47	39.0
GRAFTON STATE SCHOOL	MAX	43	65	67	71	79	89	90	87	84	73	52	40	55	53	52	70	60	64	64	55	66	67	76	66	74	68	67	65	61	75	62	66.5
	MIN	32	35	31	34	35	42	47	43	51	45	27	24	21	28	28	27	44	32	36	34	36	41	45	46	46	41	39	48	49	50	49	38.3
GRAND FORKS CAA AP	MAX	43	63	66	71	78	86	88	85	75	60	50	40	53	52	50	70	60	66	58	46	64	68	75	66	74	70	69	61	71	77	61	65.0
	MIN	37	39	33	33	38	42	50	48	56	46	29	26	26	31	33	31	37	32	42	40	39	48	47	52	51	45	45	55	54	56	53	41.7
GRAND FORKS UNIVERSITY	MAX	43	69	66	70	78	85	88	84	78	75	60	42	54	52	51	69	61	64	61	46	65	67	77	66	77	70	68	63	73	77	63	66.5
	MIN	38	40	34	35	40	46	50	57	62	53	30	27	27	33	34	32	43	35	44	41	40	49	46	53	53	46	46	55	55	58	54	43.7
GRAND RAPIDS 1N	MAX	41	48	68	68	75	82	83	81	74	73	60	39	53	53	55	71	64	70	69	62	64	71	75	68	78	74	75	67	88	85	73	68.0
	MIN	35	37	32	39	35	39	49	48	53	47	33	27	22	27	32	30	46	32	45	40	39	42	45	53	52	54	51	53	55	56	54	42.0
GRANVILLE	MAX	40	56	62	63	77	85	84	81	77	64	52	43	53	56	53	72	60	69	68	57	63	62	72	70	67	68	70	66	65	70	68	64.9
	MIN	33	34	33	40	40	42	50	57	50	43	28	25	27	28	32	35	43	36	42	39	36	40	45	51	49	42	45	54	56	54	51	41.3
GRENORA	MAX	41	45	47	68	77	85	84	80	71	48	44	47	45	48	57	77	65	73	70	59	58	64	68	64	59	65	67	70	65	62	70	62.7
	MIN	31	32	34	36	38	44	62	53	47	33	23	20	32	21	32	42	36	38	41	39	39	36	38	42	43	49	52	56	53	42	47	39.7
HANKINSON R R STATION	MAX	41	41	51	65	68	77	82	85	82	84	58	42	41	51	54	59	70	73	70	78	45	63	65	79	65	83	70	70	64	89	78	65.9
	MIN	36	36	33	35	40	49	55	53	54	52	39	28	23	32	37	33	43	41	45	44	39	44	47	52	55	49	45	53	53	62	52	43.8
HANNAH	MAX	39	58	64	68	79	84	86	82	74	65	49	37	58	53	51	70	61	62	63	57	64	67	72	70	67	61	59	59	59	70	63	63.6
	MIN	31	33	30	33	35	43	50	49	51	43	27	24	22	28	28	28	40	33	36	30	32	42	47	44	47	39	39	48	51	51	48	38.1
HANSBORO	MAX	38	57	63	68	78	85	85	81	71	62		37	54		56	70	64	65	59	56	61	67	73	68	70	64	62	60	60	70	63	64.4
	MIN	32	34	33	40	40	45	56	47	50		26	25	27		28	28	41	36	36	35	34	42	47	46	48	43	41	50	52	52	49	40.2
HETTINGER	MAX	39	36	53	58	71	78	78	77	69	49	32	37	43	54	61	63	58	67	62	56	54	51	63	65	69	66	75	75	71	68		59.9
	MIN	31	31	33	40	35	40	48	53	48	31	24	24	27	28	30	44	40	34	47	33	34	40	39	49	40	43	49	59	50	45		39.0
HILLSBORO	MAX	43	62	65	69	77	84	87	84	73	70	52	40	53	52	53	69	66	65	59	47	64	66	75	69	77	74	70	64	78	78	68	66.2
	MIN	36	38	32	36	37	46	48	46	50	51	40	27	23	27	35	36	35	40	41	43	39	45	47	44	53	45	48	55	54	51	46	41.7
JAMESTOWN CAA AP	MAX	39	54	64	68	74	83	84	82	72	58	45	39	51	53	53	64	61	67	61	48	61	62	74	62	75	67	72	63	72	74	70	63.6
	MIN	35	37	33	42	40	41	51	47	50	45	28	27	25	29	33	29	41	35	47	40	40	46	45	52	51	45	49	52	55	54	50	41.7
JAMESTOWN STATE HOSP	MAX	40	51	63	67	74	83	84	82	73	69	55	37	50	51	53	65	62	68	66	59	59	63	72	69	75	68	70	68	73	73	69	64.9
	MIN	35	37	34	43	40	40	50	49	55	47	32	27	25	29	35	29	42	36	53	39	40	46	44	51	52	46	49	54	55	56	50	42.6
KENMARE	MAX	40	40	53	52	65	77	85	82	80	55	50	33	43	52	55	55	71	59	69	56	55	59	65	70	55	63	67	71	67	55	67	60.2
	MIN	32	32	33	36	41	45	53	55	50	38	25	23	26	31	29	33	41	35	40	38	35	35	42	44	47	38	45	45	53	47	46	39.1
KENSAL WILDLIFE REFUGE	MAX	39	56	66	70	76	84	83	81	79	72	55	42	52	52	54	69	63	68	66	53	62	67	74	62	75	72	71	68	65	75	71	65.9
	MIN	33	34	31	39	37	40	50	44	54	45	30	25	19	24	33	27	45	33	33	35	38	44	43	50	50	43	47	52	53	51	48	39.7
LANGDON EXP FARM	MAX	40	60	67	70	75	85	87	83	78	67	56	43	53	55	52	71	68	59	59	55	63	67	73	69	70	65	60	57	58	73	62	64.5
	MIN	31	32	27	30	35	42	46	50	52	45	29	21	21	26	28	29	42	29	37	31	32	42	47	47	46	37	39	48	50	51	48	37.7
LARIMORE	MAX	41	61	65	68	77	85	87	84	80	72	55	40	52	52	52	69	65	65	65	56	64	65	74	66	74	66	66	63	63	74	66	65.5
	MIN	35	38	35	37	43	47	54	48	54	49	31	27	22	29	33	28	48	34	42	39	40	48	46	50	51	44	43	54	53	49	54	42.1
LEEDS	MAX	40	57	63	67	76	83	84	81	72	69	55	39	52	56	50	70	63	69	60	57	62	72	71	70	68	70	68	64	65	69	67	64.8
	MIN	33	34	32	42	40	47	53	54	54	44	29	27	26	30	31	32	44	36	41	39	37	46		49	43	48	43	52	53	55	57	41.7
LINTON	MAX	48	47	62	65	74	82	82	82	74	69	55	40	48	51	60	69	62	70	69	62	57	62	73	65	72	70	72	67	85	70	74	65.7
	MIN	36	36	38	40	37	37	44	55	55	47	30	27	24	30	32	39	46	34	48	39	37	44	41	55	47	43	54	57	58	52	50	42.3
LISBON	MAX	40	51	63	67	75	82	83	82	79	74	49	40	48	51	55	70	69	65		60	60	64	70		72				87	87	73	66.0
	MIN	36	32	32	41	39	42	43	48	54	48	33	28	23	28	31	27	47	36	47	40	40	46	47	53	50	46	50	52	55	57	50	42.0
LOSTWOOD 12N	MAX	35	48	50	63	75	84	83	79	69	49	40	39	50	52	53	70	64	70	67	53	55	62										59.5
	MIN	30	30	32	35	39	40	49	51	49	35	21	22	22	25	28	37	39	32	39	37	33	33										34.5
MADDOCK AGR SCHOOL	MAX	40	56	64	68	75	84	86	83	70	67	57	38	54	57	54	71	66	69	68	57	64	67	73	71	69	68	69	66	61	69	71	65.5
	MIN	33	35	31	41	41	43	46	54	53	42	30	23	27	28	31	29	44	31	43	35	37	44	47	49	49	42	45	52	54	54	49	40.7
MANDAN EXP STATION	MAX	40	38	49	60	65	74	82	82	80	70	58	32	39	47	54	57	62	62	70	65	45	55	63	71	59	72	66	71	65	66	66	60.8
	MIN	34	33	35	39	43	41	51	54	56	45	28	27	26	24	34	39	44	35	49	38	34	40	39	53	44	49	53	58	58	49	49	42.0
MANDAN FT LINCOLN PARK	MAX	39	45	63	66	76			83	75	67	48	41	52	56	60	64	65		70	63	58	60	73	68	73	67	72	66	66	68	74	63.5
	MIN	35	32	37	39	39	41	48	54	55	46	28	26	27	26	35	39	43	35	50	35	35	40	42	43	48	43	50	58	59	48	49	41.5
MARMARTH	MAX	43	39	48		74	82	81	75	64	46	35	40	46		65	70	68	71	72	55	56	57	70	71	67	64	85	75	78	68	75	63.4
	MIN	33	33	37		33	37	43	41	46		25	25	30		29	38	40	30	43	39	36	37	33	48	40	40	50	60	65	40	40	39.0
MAX	MAX	48	36	56	56	67	74	84	82	79	65	49	33	38	50	55	58	68	58	68	58	48	59	65	72	55	65	65	70	65	58	65	60.3
	MIN	32	32	32	32	37	42	49	52	52	40	28	25	25	25	28	35	40	36	43	33	34	40	40	42	49	45	48	45	55	50	48	39.2
MAYVILLE	MAX	41	62	65	69	77	83	86	83	80	73	50	43	51	53	53	69	68	65	62	58	64	66	74	72	76	73	68	65	79	80	66	66.9
	MIN	36	38	33	37	39	43	50	50	56	50	35	27	25	31	34	27	51	37	47	40	40	48	47	54	53	46	48	54	50	62	54	43.3
MC CLUSKY	MAX	38	49	58	62	72	83	82	78	73	65	53	36	49	53	53	65	64	67	65	62	56	63	71	66	70	64	68	65	60	64	67	62.6
	MIN	32	32	34	39	33	46	48	52	55	45	29	25	24	28	33	34	44	35	46	35	37	34	41	50	50	43	42	56	56	54	48	40.6
MC HENRY 5 N	MAX	40	57	63	66	74	83	84	82	72	69	54	38	50	52	50	67	63	67	63	53	60	66	73	68	72	65	67	62	61	70	63	63.7
	MIN	32	32	31	36	37	41	46	43	52	41	30	24	21	27	31	29	42	32	44	32	37	44	45	48	48	43	44	51	52	52	48	39.2
MC LEOD 3 E	MAX	43	57	66	69	77	85	87	84	80	74	54	46	52	58						60	65	65	76	74	80	75	71	69	88	87	76	69.9
	MIN	36	34	29	34	34	35	45			49	34	29	30	32							43	47	46	53	55	53	58	53		61	55	43.0
MEDORA 4 NNE	MAX	40	41	51	61	75	82	83	81	72	51		40	48	55	61	71	69	71	70	57	59	61	72	71	60	64	79	76	66	62	73	64.1
	MIN	32	33	38	42	31	35	40	51	49	36		25	28	26	28	31	41	33	46	38	38	37	37	51	39	39	52	60	55	41	45	39.2
MINOT CAA AP	MAX	37	51	57	62	75	83	81	78	63	51	39	40	50	54	53	70	59	68	59	50	58	64	69	56	64	65	67	64	60	65	66	60.6
	MIN	32	32	36	41	43	46	58	56	51	39	28	26	29	30	32	41	39	37	44	37	37	43	44	50	47	43	44	55	54	52	49	41.8
MINOT EXP FARM	MAX	38	52	57	65	76	84	83	79	75	61	47	40	50	55	54	71	67	68	67	56	59	65	71	69	64	67	72	66	65	67	68	63.8
	MIN	31	32	34	39	40	45			48	38	27	25	25	29	31	36	43	35	41	36	35	39	44	50	48	43	45	56	54	51	47	39.6
MOFFET 4 SE	MAX	37	44	56	60	70	78	78	78	76	67	48	35	45	49	52	66	56	67	65	59	53	62	69	68	71	69	65	67	67	70	68	61.8
	MIN	32	32	35	38	34	35	41	52	51	42	27	25	19	23	30	36	41	28	42	34	33	40	38	51	44	44	48	55	56	49	48	38.8
MOHALL	MAX	39	57	60	67	79	86	84	80	76	59	50	41	52	55	53	70	68	69	68	58	61	64	71	68	67	66	69	66				64.4
	MIN	33	33	34	37	40	43	54	57	50	41	26	25	27	30	29	35	42	34	42	39	32	35	45	42	45	37	44	54				38.8
MOTT	MAX	40	38	53	60	72	79	80	78	68	50	37	37	45	54	61	64	59	69	67	56	55	59	68	59	68	65	74	74	70	64	7	61.1
	MIN	32	32	37	41	32	37	44	52	50	37		24	26	25	29	40	41	37	46	33	35	38	38	50	39	40	49	58	58	43	44	39.6
MUNICH 4 SW	MAX	37	54	62	64	73	81	83	80	69	64	51	37	51	53	52	68	60	63	58	53	59	63	70	66	69	63	65	59	57	70	64	61.9
	MIN	32	33	32	34	35	42	45	47	52	44	27	24	23	27	27	26	42	31	38	36	34	42	46	47	47	40	40	49	51	51	49	38.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	38	48	63	65	72	81	80	80	70	68	49	37	46	50	57	67	63	67	65	58	58	60	70	64	74	66	68	65	82	79	74	64.0
	MIN	34	34	34	37	35	40	55	55	51	46	30	24	24	26	33	34	43	38	46	36	37	44	42	44	48	42	50	56	56	52	49	41.1
NEW ENGLAND	MAX	38	39	50	58	72	80	80	77	65	50	36	38	44	55	60	64	60	69	67	57	65	59	69	63	63	68	75	73	67	61	72	61.1
	MIN	31	32	36	40	31	38	43	52	49	36	25	22	27	29	31	39	39	36	48	35	36	36	38	50	49	48	40	58	55	42	43	39.2
NEW SALEM 1 S	MAX	38	44	58	62	72	80	80	78	67	53	42	38	47	53	57	61	60	68	68	49	54	62	69	59	63	71	68	67	67	63	71	60.9
	MIN	31	31	35	39	38	45	52	55	48	40	26	23	26	27	35	38	40	36		34	35	39	38	50	43	40	38	56	56	43	47	39.5
NEWTOWN	MAX	41	48	50	62	76	84	83	80	70	54	42	41	50		56	71	69	71	70	56	56	62	70	67	60	65	74	69	64	60	70	63.0
	MIN	33	34	38	37	39	42	49	51	51	37	26	26	25		30	35	44	34	44	-35	39	38	41	50	44	43	49	50	56	42	49	40.4
OAKES	MAX	40	41	46	63	66	71	81	83	79	76	57	38	39	47	53	59	68	66	68	70	46	61	62	72	61	76	67	70	66	86	75	63.0
	MIN	35	35	32	41	41	39	45	47	56	47	33	27	26	30	32	32	47	38	46	41	40	44	47	54	54	47	50	53	54	57	51	42.6
PARK RIVER	MAX	42	63	65	69	65	86	88	85	84	70	57	38	53	54	52	70	68	63	63	56	63	65	73	68	73	67	67	65	59	74	64	65.5
	MIN	35	38	46	38		49	54	51	50	50	31	27	26	32	32	33	50	37	39	37	40	45	50	50	50	44	43	52	53	52	53	42.9
PARSHALL	MAX	48	48	53	64	75	83	82	79	70	55	44	40	48	55	56	70	68	70	68	56	55	63	69	69	62	65	71	68	64	62	71	62.9
	MIN	33	33	38	36	33	36	47	53	50	37	28	25	22	26	30	35	35	31	42	35	38	38	38	50	43	38	48	55	56	41	47	38.6
PEMBINA 2N	MAX	46	53	67	71	83	89	92	92	88	79	61	42	59	59	56	68	68	61	60	62	66	75	75	68	68	68	66	66	62	74	74	68.3
	MIN	35	36	28	30	36	41	50	48	54	46	31	27	22	32	31	31	41	32	33	30	30	48	45	42	42	41	42	49	52	54	50	39.0
PETERSBURG	MAX	39	58	64	67	76	84	85	82	78	70	61	37	53	52	51	68	66	63	66	55	64	64	65	67	73	65	65	61	59	73	64	64.4
	MIN	32	32	34	31	35	44	48	51	51	41	30	23	23	29	31	31	43	30	31	36	38	45	46	49	49	41	41	51	51	55	50	39.4
PETTIBONE	MAX	39	60		65	72	81	81	80	76	69	53	37	50	52	52	66	61	67	64	54	59	64	71	62	72	64	70	62	63	70	68	63.5
	MIN	35	35		42	38	43	48	54	54	48	31	25	24	29	34	32	45	34	44	38	40	46	45	51	51	45	48	53	56	55	48	42.4
PORTAL	MAX	40	38	50	52	66	78	86	84	78	63	50	34	44	53	55	60	72	58	69	57	55	59	61	69	56	59	68	72	66	53	72	60.2
	MIN	32	32	32	38	39	46	50	55	50	41	23	20	26	30	26	36	39	33	39	37	37	34	40	41	42	38	44	46	50	46	50	38.5
POWERS LAKE 1N	MAX	36	46	53	61	75	83	81	76	66	50	45	39	49	54	53	72		75	70	53	57	63	68	65	62	65	70	66	60	65		61.3
	MIN	31	32	36	33	40	38	59	52	50	35	23	22	25	30	30	29	31	40	40	38	35	33	41	45	43	43	44	54	39	43		37.8
RICHARDTON ABBEY	MAX	37	36	54	60	72	81	80	78	72	53	39	37	47	54	59	65	62	68	66	59	55	62	70	68	64	65	73	73	68	59	71	61.5
	MIN	30	31	35	41	38	43	49	51	51	38	25	22	27	27	33	41	39	40	47	34	35	38	37	49	42	40	47	56	55	43	45	39.6
RIVERDALE	MAX	37	37	48	57	65	73	81	81	78	64	49	32	38	48	54	55	68	60	68	65	45	54	62	70	57	68	65	70	66	61	64	59.4
	MIN	32	32	35	38	39	40	52	56	53	41	27	25	26	26	34	36	41	38	45	34	36	41	40	50	49	43	47	54	57	46	49	40.7
ROLLA	MAX	37	56	63	67	76	83	83	81	72	63	54	39	52	54	51	69	57	65	58	55	59	66	71	65	68	64	63	61	59	72	67	62.9
	MIN	31	33	34	43	38	48	55	52	50	44	26	25	28	30	28	30	40	36	36	35	35	43	45	47	46	42	40	49	53	51	49	40.1
RUGBY	MAX	40	54	62	67	76	84	84	82	76	63	59	39	52	56	54	70	67	69	68	60	62	66	72	69	69	69	68	67	62	72	70	65.4
	MIN	37	34	35	44	40	45	52	57	54	46	28	26	26	30	31	34	44	36	44	40	38	48	46	53	50	42	44	53	55	56	54	42.6
SAN HAVEN	MAX	40	57	63	67	76	83	83	79	75	61	45	40	50	55	49	68	63	67	63	55	59	65	70	67	67	62	61	61	60	70	69	62.9
	MIN	32	33	34	45	42	46	52	53	52	40	26	25	28	27	29	34	41	38	39	39	37	45	44	49	47	42	41	50	52	52	48	40.7
SHARON	MAX	40	59	64	67	76	83	85	81	77	71	52	40	50	50	52	67	63	65	62	52	64	66	71	68	72	66	62	60	63	73	65	64.1
	MIN	33	37	35	36	39	45	50	53	53	46	31	25	23	29	32	32	48	33	42	35	39	46	44	49	49	43	43	53	53	55	50	41.3
STANLEY	MAX	37	47	50	61	75	84	82	77	68	52	44	41	51	53	54	71	58	68	61	51	58	63	68	54	58	64	65	63	61	63	69	60.4
	MIN	31	31	35	36		41	46	51	50	34	25	22	23	27	29	38	35	34	34	30	35	35	38	47	40	40	46	54	45	43	47	37.4
STEELE	MAX	39	51	62	64	74	82	82	79	72	69	57	38	48	50	55	63	62	69	62	59	58	64	72	69	73	67	69	67	66	69	72	64.0
	MIN	33	33	35	39	36	42	46	55	54	46	30	25	23	26	33	34	42	32	-45	35	38	43	40	48	49	43	48	56	55	53	48	40.8
TOWNER	MAX	51	54	66	67	75	85	84	78	70	66	54	42	54	58	50	72	68	71	69	65	62	70	73	67	68	69	72	67	67	72	67	66.2
	MIN	33	38	32	41	41	42	48	57	43	43	32	28	27	28	31	34	42	35	32	38	34	42	45	50	49	45	44	52	43	53	53	40.5
TURTLE LAKE	MAX	39	50	60	65	73	82	81	77	72	65	52	39	50	55	54	67	65	69	67	59	56	63	72	66	70	66	71	67	62	65	70	63.5
	MIN	32	32	35	31	38	45	48	55	52	42	27	25	24	27	32	33	41	35	45	34	37	41	39	50	49	43	47	50	57	52	48	40.2
UNDERWOOD	MAX	37	37	48	59	63	74	81	81	79	67	55	34	38	49	55	56	67	60	69	60	56	64	60	53	56	69	65	73	66	60	66	59.9
	MIN	32	32	32	35	39	47	48	53	54	41	27	24	26	26	32	35	40	35	43	34	36	39	40	44	47	42	47	53	58	49	46	39.9
UPHAM 3N	MAX	51		67			88		86				43	56	59	56			72	69	59	62	71	76	58	69	71	70	68	62	74	70	66.2
	MIN	36						49	47	52	43	26	25	27	29	31	32	41	32	42	40	34	39	39	47	49	41	44	52	54	54	45	40.5
UPHAM 3 W	MAX	39	58	62	68	78	87	85	80	69	62		38	52	57	53	72	63	71	62	57	62	68	73	57	65	68	70	64	60	70	69	64.6
	MIN	33	32	30	42	39	40	48	57	52	45	28	25	28	28	32	34	40	32	42	40	35	38	46	49	46	41	44	53	54	51	46	40.3
VALLEY CITY	MAX	40	55	65	69	75	84	85	84	81	75	53	41	52	53	53	67	62	68	67	59	64	63	74	72	77	77	72	69	76	76	70	67.0
	MIN	36	38	32	41	36	42	48	47	55	47	34	28	24	28	33	28	46	38	49	40	40	48	44	44	54	47	49	54	55	57	50	42.3
VELVA	MAX	40	53	60	65	78	85	83	80	70	63	50	40	53	58	54	71	63	69	68	56	58	65	72	68	68	66	69	69	65	67	67	64.3
	MIN	32	34	34	41	41	43	57	58	50	43	28	26	27	29	33	35	44	39	43	37	38	45	45	53	49	43	47	55	56	54	48	42.2
WAHPETON STATE SCHOOL	MAX	43	59	66	70	77	83	85	84	82	80	53	43	52	54	60	68	72	72	73	63	65	65	75	75	83	81	71	67	89	88	75	70.1
	MIN	36	37	32	39	37	42	48	53	55	52	36	29	25	36	40	33	47	38	49	42	40	46	48	55	55	47	50	54	53	62	53	44.2
WASHBURN	MAX	37	50	62	66	75	85	84	81	76	66	48	40	51	56	58	68	63	71	64	59	56	66	73	66	72	67	71	69	68	67	73	64.8
	MIN	34	34	36	37	37	41	52	55	57	48	29	25	26	27	34	38	41	41	37	37	38	41	43	49	48	43	48	57	58	48	49	41.5
WATFORD CITY	MAX	40	40	50	65	77	86	84	76	66	50	39	40	50	55	58	72	68	71	67	56	59	60	69	67	59	65	75	71	63	60	71	62.2
	MIN	32	32	35	42	38	44	53	54	49	33	24	24	25	30	32	37	43	40	54	37	38	45	40	50	41	41	50	57	56	42	46	40.8
WATFORD CITY 14 S	MAX	41	43	51	63	77	85	84	83		55	40	41	50	59	58	72	70	72	70	62	60	61	71	70	59	66	77	77	65	60	71	63.8
	MIN	32	33	35	43	38	39	52			36	25	24	26	31	33	38	43	35	46	37	38	44	39	49	41	43	51	52	55	42	47	39.6
WESTHOPE	MAX	40	60	61	70	80	89	84	82	75	58	50	44	53	57	55	71	60	71	60	60	63	67	72	57	67	70	68	62	61	71	74	64.9
	MIN	34	33	30	40	38	44	49	60	47	42	26	26	25	27	29	34	37	32	41	39	32	39	45	48	48	40	44	52	51	53	44	39.6
WILLISTON WB CITY	MAX	40	44	52	63	76	84	83	73	55	45	38	40	49	54	57	70	58	72	62	47	57	61	69	56	60	64	75	68	62	61	72	60.2
	MIN	33	33	37	45	42	44	55	55	43	34	25	26	27	33	32	43	44	38	42	38	41	45	41	51	47	43	50	59	50	47	48	41.6
WILLOW CITY	MAX	38	56	63	68	77	85	84	80	70	62	52	42	52	57	53	72	62	70	64	55	62	69	73	57	62	67	68	63	60	72	69	64.0
	MIN	33	33	33	42	35	38	44	55	49	40	28	26	25	25	29	30	43	35	41	40	36	36	46	46	45	40	43	52	54	54	47	39.5
WILTON RR STATION	MAX	37	36	46	56	62	73	81		76	65	54	30	36	48	53	54	65	59	68	60	42	53	62	69	58	69	64	68	62	62	64	57.7
	MIN	32	33	32	37	40	48	46		54	42	27	23	25	25	33	34	42	39	48	34	33	41	37	49	49	42	46	51	57	51	47	39.9
WISHEK	MAX	38	45	59	64	71	79	78	77	74	71	52	36	44	48	55	67	64	66	67	57	57	59	70	65	75	69	66	65	83	79	72	63.6
	MIN	34	33	31	37	36	37	45	51	51	46	30	24	22	26	32	34	44	39	48	39	37	43	42	52	50	44	47	55	56	53	47	40.8

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MAY 1953

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	4.0	T									T									3.3											
	SN ON GNO	2																														
AMIOON	SNOWFALL	3.0	1.5									T	1.5																			
	SN ON GND	I	1									T	1	T																		
ASHLEY	SNOWFALL											1.0																				
	SN ON GNO											1																				
BEACH	SNOWFALL	1.0	T									1.0	2.0																			
	SN ON GND	–	–									–	–																			
BELCOURT INOIAN RES	SNOWFALL	T										5.0																				
	SN ON GNO	T										2	T																			
BELFIELD	SNOWFALL	–										2.0																				
	SN ON GND																															
BISBEE	SNOWFALL											T																				
	SN ON GND																															
BISMARCK WB CITY	SNOWFALL		T									2.5	2.4												T							
	SN ON GND		T									2	3																			
BISMARCK WB AP	SNOWFALL	T	T									1.B	T												T					T		
	SN ON GNO												T	T																		
BOTTINEAU	SNOWFALL											0.7	0.1																			
	SN ON GND											1	1																			
CARSON NO. 2	SNOWFALL	2.0	T									T	1.0	T																		
	SN ON GNO	2	T									T	1	T																		
CENTER	SNOWFALL		T									2.0									T											
	SN ON GND											1	T	T																		
CROSBY	SNOWFALL											1.0																				
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL											T	T								T											
	SN ON GNO												T																			
OICKINSON CAA AP	SNOWFALL	1.3	0.7						T		T	2.2	T																			
	SN ON GNO	3	1									T	2																			
DICKINSON EXP STA	SNOWFALL	–	–									–	–																			
	SN ON GND	2	2																													
DUNN CENTER	SNOWFALL	5.0										1.0	1.0												T							
	SN ON GND	5	1	T								1	1																			
ELLENDALE	SNOWFALL											0.5	T																			
	SN ON GND																															
FARGO WB AP	SNOWFALL											T	T												T					T		
	SN ON GNO																															
FORT YATES	SNOWFALL	T										T	T																			
	SN ON GNO											T																				
FULLERTON	SNOWFALL										T		T																			
	SN ON GND																															
GARRISON	SNOWFALL											1.8	0.1																			
	SN ON GND											2	1																			
GRAFTON ST SCHOOL	SNOWFALL											0.1				–																
	SN ON GND																															
GRAND FORKS CAA AP	SNOWFALL											0.7	T																			
	SN ON GND												T																			
GRAND FORKS UNIV	SNOWFALL												T																			
	SN ON GND																															
GRANVILLE	SNOWFALL	T										1.0																				
	SN ON GNO																															
HANSBORO	SNOWFALL											1.0				0.1																
	SN ON GND											1																				
JAMESTOWN CAA AP	SNOWFALL											4.5	T																	T		
	SN ON GNO											1																				
KILLDEER B NW	SNOWFALL	2.0	2.0									4.0																				
	SN ON GND	7	5									2																				
MAYVILLE	SNOWFALL												T																		T	
	SN ON GND																															
MC HENRY 5 N	SNOWFALL											T																			T	
	SN ON GNO											T																				
MEOORA 4 NNE	SNOWFALL	3.0																														
	SN ON GNO	3																														
MINOT CAA AP	SNOWFALL	T	T									3.0																				
	SN ON GND	T	T									T	T																			
MINOT EXP FARM	SNOWFALL	T										2.0											T						T			
	SN ON GND											2	T	T																		
MOHALL	SNOWFALL											4.0																				
	SN ON GNO											3																				
MONTPELIER	SNOWFALL											0.B	T																		T.	
	SN ON GND																															
MOTT	SNOWFALL	2.0	2.0									2.0	T																			
	SN ON GND											1																				
NAPOLEON 1 SE	SNOWFALL											3.0																				
	SN ON GND											2	T	T	T																	
OAKES	SNOWFALL										T	T	T																			
	SN ON GND																															

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DEVILS LAKE W8 CITY	EVAP	–	.07	.14	.20	.25	.28	.34	.41	.19	.14	.18	.01	.07	.19	.14	.19	.23	.14	.25	.14	.11	.16	.26	.10	.15	.18	.20	.12	.04	.14	.11	5.308
	WINO	99	49	41	49	53	33	46	79	60	45	109	68	33	44	84	27	62	27	65	34	20	17	46	29	76	35	51	59	28	27	48	1543
OICKINSON EXP STA (A)	EVAP	–	–	.19	.02	–	–	.19	..42	.22	.16	.08	–	–	.12	.10	.12	.17	.15	.19	.15	.07	.07	.07	.20	.06	.12	.17	.16	.02	.38	.03	4.508
	WINO	210	30	40	100	40	40	30	250	120	150	210	190	60	80	60	40	120	80	110	200	100	95	70	150	175	150	210	190	80	60	150	3590
EOGELEY EXP FARM	EVAP	–	–	–	.15	.35	.25	.30	.36	.40	.20	.07	.02	.13	.08	.13	.20	.28	.19	.24	.25	.09	.07	.08	*	.53	.31	.20	.18	.03	.22	.28	6.198
	WINO	98	134	92	110	137	69	38	25	206	110	138	232	141	29	71	63	100	12	162	113	159	31	42	8	131	114	79	123	99	22	189	3077
MANDAN EXP STA (A)	EVAP	–	.01	.01	.08	.12	.14	.16	.37	.21	.14	.04	.03	.07	.11	.10	.13	.05	.18	.18	.22	.08	.07	.07	.14	.08	.18	.19	.13	.02	.04	.15	3.628
	WINO	126	195	183	140	79	76	55	263	166	164	215	327	108	71	120	70	92	142	146	234	131	64	67	126	177	157	185	217	97	95	130	4418
RIVEROALE	EVAP	–	–	–	.14	.13	.22	.39	.49	.35	.25	.11	*	*	.15	.20	.29	.27	.19	.34	.38	.12	.21	.06	.37	.00	.37	.27	.32	.14	.08	.09	6.578
	WINO	162	127	117	90	66	77	74	257	113	174	187	*	351	92	115	83	164	90	168	171	116	79	107	153	233	165	197	234	119	106	97	4284
UPHAM 3 W	EVAP	–	.03	.04	.34	.32	.35	.51	.38	.19	.17	–	.03	.26	.20	.17	.34	.14	.37	.19	.19	.12	.20	.38	.43	.12	.26	.23	.29	.42	–	.15	7.758
	WINO	198	23	33	92	118	62	135	148	145	153	83	43	82	114	55	109	113	138	56	63	142	47	186	209	109	75	277	170	153	139	41	3511

(A) PAN 6 FEET IN OIAMETER, 24 INCHES OEEP, IN GROUNO 20 INCHES.

Table 7 –CONTINUEO

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PARSHALL	SNOWFALL	T										1.0																			T	
	SN ON GNO											1																				
PETTI8ONE	SNOWFALL											2.0	T												T							
	SN ON GNO											1																				
PRETTY ROCK	SNOWFALL	2.0							T		T	3.0								T	1.0						T					
	SN ON GNO	1										3	1								1											
RICHAROTON A88EY	SNOWFALL	3.5	2.1									2.2	0.6								T				T					T		
	SN ON GNO	5	4	T								2	1	T	T																	
RIVEROALE	SNOWFALL	–	–	–								1.0	T	T																		
	SN ON GNO											1	T	T																		
ROLLA	SNOWFALL	T	T									1.7																				
	SN ON GNO																															
SAN HAVEN	SNOWFALL		T									1.0				T																
	SN ON GND											1	T																			
UPHAM 3 N	SNOWFALL											2.0																			T	
	SN ON GNO																															
WAHPETON STATE SCHOOL	SNOWFALL												T																			
	SN ON GNO																															
WESTHOPE	SNOWFALL											2.0																				
	SN ON GNO											2																				
WILLISTON W8 CITY	SNOWFALL	0.9	T								T	2.1																				
	SN ON GNO	T										T	1																			
WILLOW CITY	SNOWFALL											3.2																				
	SN ON GNO											3	T	T																		

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 08	-		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramwlnnd	2 3 5 7
Ambrose	0189	Divide	12	48 58	103 28	2058		5P	Soo Line Agent	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gnhekn	2 3 5 7
Amidon	0209	Slope	1	46 30	103 19	2910	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0389	Grand Forks	10	47 56	97 30	860	6P	6P	Albert Thornn	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Mellnr	C
Balta	0500	Pierce	11	48 10	100 02	1550		4P	Royce E. Pauleon	3
Bantry	0516	McHenry	12	48 30	100 36	-		6P	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0826	Rolette	9	48 50	99 45	1980	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0839	Stark	4	46 52	103 11	2582	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1670	9A	9A	U.S. Weather Bureau	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		5P	KEYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1638	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2872	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bernard L. Donagala	3
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-		5P	Robert L. Ranson	3
Breien	1052	Morton	1	46 24	100 57	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	-		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	-		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	88 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1524	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	B. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beechler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	-		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 38	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	SS	SS	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 33	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg	3277	Billings	4	46 53	103 18	2790		MID	Herman J. May	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvil Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	-		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 46	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	-		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kiesn	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1597	7P	7P	Charles E. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Hazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	Ephrain Zecher	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	-		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Bergnt	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. B. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 15	98 52	1440	7P	7P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 S	5088	Stark	4	46 38	102 21	2580		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1711	8P	6P	William Beyerman	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	-		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Keesler	3
Max	5638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	8P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 29	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 11	1467		8P	B. B. Kniefel	3
Medina 1 W	5798	Stutsman	8	46 53	99 19	-		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 WNW	5818	Billings	7	47 14	103 36	2123		7P	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5888	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Farm	5983	Ward	12	48 10	101 18	1720	6P	6P	N.D. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	9P	9P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	-		8P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	8195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	46 29	99 45	1955	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	8315	Hettinger	1	46 33	102 52	2621	6P	8P	Anton Selinger	2 3 5
New Rockford 7 WNW	8355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6385	Morton	4	48 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 58	102 28	1905	6P	6P	Erwin A. Ventsch	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	-		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Rauh	7405	McLean	8	47 44	102 04	-		MID	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2467	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin B. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Edwin O. Carlson	3
Stanley	8276	Mountrail	0	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 23	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Theodore Ockert	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	Deep Rvr Dvlpmnt Fm	2 3 5 6
Valley City	8937	Barnes	11	46 55	93 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Teng	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred Krause	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	-		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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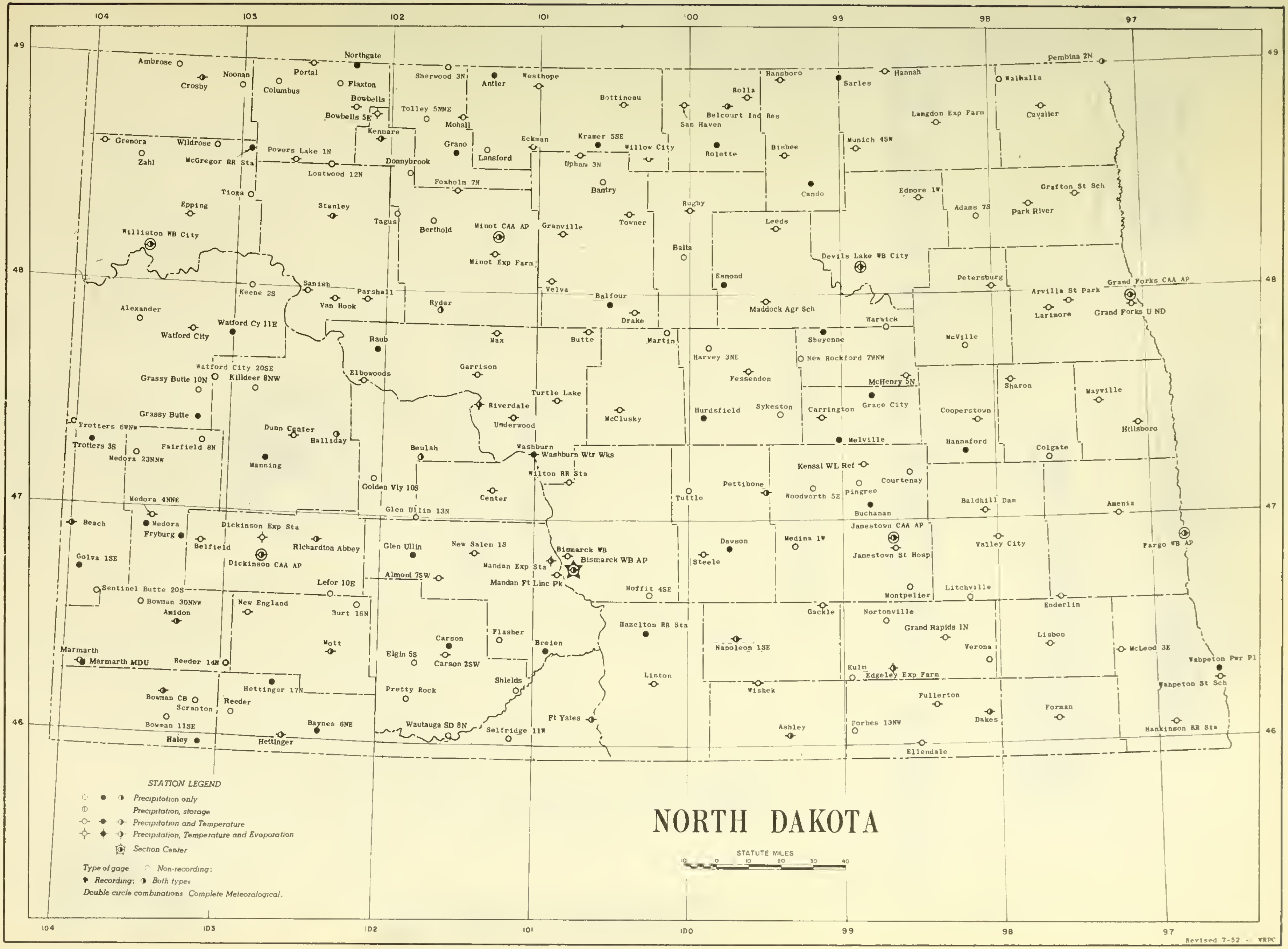
WRPC, KANSAS CITY, MO., — 7-16-53 -- 880

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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NORTH DAKOTA

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NORTH DAKOTA - JUNE 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

June was the third successive month with abundant moisture. This combined with moderate temperatures produced rapid growth in all vegetation. A very good crop was in prospect except that an early appearance of black stem rust in some sections of the state dimmed the hopes of many that a really large wheat crop would be produced.

The average temperature for the state was 63.0 degrees which is 0.1 degree below normal. The eastern division averaged 63.7 degrees which is 0.1 degree above normal; the middle division averaged 62.8 degrees which is 0.2 degree below normal; and the western division averaged 62.4 degrees which is 0.3 degree below normal. The warmest period of the month was generally from the 11th to the 13th. The highest temperature reported was 98 degrees at Wilton on the 12th. Almost all stations reported lowest temperature on the 6th. Arvilla, Edmore, and Belcourt reported a lowest reading of 28 degrees on that day. Wahpeton reported the highest mean temperature with 67.9 degrees and Edmore reported the lowest mean temperature with 58.8 degrees.

Average precipitation over the state was 5.45 inches which is 1.94 inches above normal. The eastern division averaged 5.69 inches which is 2.15 inches above normal; the middle division averaged 4.81 inches which is 1.33 inches above normal; and the western division averaged 5.88 inches which is 2.38 inches above normal. The Jamestown airport reported the greatest amount of rain with 11.31 inches for the month. Bottineau reported the least with only 2.54 inches, which is 0.65 inch below normal. Only a few scattered stations reported below normal rainfall for the month. Wishek reported 4.21 inches on the 15th for the greatest amount recorded in a single day.

While the abundant moisture and moderate temperatures were generally favorable for rapid growth of vegetation there were disadvantages too. The growth of corn was very slow. The cool, wet weather, lasting for many days at a time, also was ideal for reproduction of black stem rust spores when they made their appearance in the state having been carried in by south and southeast winds. This rust apparently reached the state a little earlier than usual and when combined with the fact that crops were generally a week or ten days later than usual, farmers were beginning to believe that serious damage could be done to the wheat crop before it was ready for harvest. A record acreage of flax was planted in June because of the favorable outlook; some fields were planted as late as the last week in the month. In some areas of the state the heavy rains hampered field operations seriously, making it impossible to seed the acreage originally intended--especially wheat. Summer fallowing, too, was impossible in many areas at least until toward the end of the month. Pastures were the best since 1942. A record hay crop appeared likely this year. Livestock, feeding on the lush pastures, were in very good condition.

Hail damage seems to be substantially higher than usual with much of the state affected. Severe hailstorms have been reported in northwest and southeast portions of the state with southern Divide County sustaining heavy crop losses. An area around Powers Lake in a strip 2 miles wide and 20 miles long suffered heavy hail damage. An area around Lidgerwood in Richland County also sustained heavy hail damage both to growing crops and to property in the town. Heavy rains also caused property damage, especially in a few larger cities where basements were flooded. Tornadoes and tornado funnels were reported from various parts of the state but in general were quite small. Out of two seen near and east of Williston, only one struck ground to cause damage to a school building and township hall. A small tornado was seen south of Mohall but no damage was reported. These occurred on the 13th. On the 27th four tornado funnels were seen near Cummings and one southeast of Valley City. Only one apparently struck the ground to cause relatively minor damage on one farm. Wind damage also occurred in a number of other storms during the month. Although the number of severe storms, particularly tornadoes, appears to be greater than normal, it is difficult to say how much greater. We are inclined to think that to some extent more storms are reported this year due to the greater publicity given to the Weather Bureau's attempt to forecast them which has been tried this year on a national basis for the first time.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	SE	10	12.1	66	NW	14	85	87	66	63	4	6	5	1	1	1	18	50	6.5
DEVILS LAKE WB CITY	–	–	8.1	31	W	25	–	–	–	–	5	6	6	3	1	0	21	56	6.1
FARGO WB AP	NNE	12	12.4	57	W	14	86	87	65	65	3	7	4	2	0	1	17	56	6.4
WILLISTON WB CITY	–	–	7.7	35	W	24	82	86	63	59	3	5	6	7	0	0	21	58	7.0

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	60.5	94	28	3.35	0	8
1893	67.4	103	33	3.38	0	9
1894	68.8	103	25	3.44	0	7
1895	59.7	97	29	4.67	0	12
1896	65.6	97	37	4.02	0	9
1897	61.7	109	20	3.75	0	9
1898	62.6	105	26	3.19	0	9
1899	62.2	105	30	3.81	0	10
1900	66.9	109	27	1.39	0	5
1901	61.6	95	22	6.14	0	15
1902	58.0	97	28	3.65	0	11
1903	62.4	96	27	1.44	0	4
1904	61.4	100	30	5.56	0	11
1905	59.7	97	32	4.33	0	12
1906	62.0	95	32	4.78	0	11
1907	61.9	95	25	2.93	0	10
1908	60.4	93	27	3.41	0	10
1909	62.9	98	28	3.45	0	10
1910	67.3	111	19	2.04	0	6
1911	66.9	108	25	3.05	0	9
1912	61.8	104	28	2.01	0	6
1913	65.8	101	27	2.45	0	8
1914	62.2	93	29	6.48	0	13
1915	56.7	94	20	4.81	0	12
1916	58.0	92	29	3.87	0	11
1917	59.7	103	19	2.07	0	8
1918	63.3	102	27	1.58	0	7
1919	67.2	108	22	2.21	0	5
1920	62.2	98	26	3.53	0	11
1921	68.2	108	30	3.62	0	9
1922	63.5	108	30	3.79	0	9
1923	66.1	100	30	3.94	0	8
1924	58.6	89	26	4.04	0	11
1925	61.5	98	30	6.00	0	14
1926	60.7	104	22	2.61	0	9
1927	61.2	99	22	2.82	0	9
1928	58.2	92	24	4.89	0	12
1929	61.4	98	21	1.44	0	7
1930	63.3	96	30	3.09	0	10
1931	68.4	110	27	2.35	0	8
1932	67.0	98	34	3.92	0	10
1933	70.7	110	33	1.77	0	7
1934	64.3	100	29	3.04	0	11
1935	60.3	99	25	3.04	T	10
1936	66.4	110	28	1.34	0	6
1937	63.5	109	25	4.03	T	7
1938	64.2	99	27	2.73	0	9
1939	60.1	99	29	4.59	0	12
1940	63.1	102	27	2.24	0	9
1941	64.2	97	32	5.54	0	12
1942	60.1	90	27	3.12	0	11
1943	60.4	102	28	5.07	1.3	13
1944	61.7	93	30	6.43	T	13
1945	57.5	99	28	2.48	0	11
1946	63.2	100	26	3.06	0	10
1947	59.6	90	24	5.81	T	14
1948	62.4	101	30	3.12	0	10
1949	63.7	104	26	2.64	T	9
1950	62.2	101	25	3.14	T	9
1951	58.6	93	28	2.89	.3	12
1952	64.9	102	30	3.21	T	10
1953	63.0	98	28	5.45	T	14

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

See reference notes following Station Index.

TABLE 2

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																							
AMENIA	76.0	54.2	65.1	1.2	90	12+	33	6	97	2	0	0	0					.0	0				
ARVILLA STATE PARK	76.5	50.1	63.3		93	12	28	6	114	3	0	2	0	6.24		1.91	20	.0	0		15	5	2
CARRINGTON	73.0	49.2	61.1M	-2.3	93	14	34	6		2	0	0	0	4.80	1.35	1.47	21	.0	0		14	3	1
CAVALIER	75.8	51.4	63.6	1.0	92	11+	34	6	107	2	0	0	0	3.56	.48	1.76	20	.0	0		10	2	1
COOPERSTOWN	76.1	51.5	63.8M	.6	91	12	31	6	101	2	0	1	0	6.19	2.92	2.20	20	.0	0		12	4	2
DEVILS LAKE WB CITY R	73.3	52.1	62.7	.3	92	12	36	6	133	1	0	0	0	4.88	1.70	1.44	20	.0	0		16	4	1
EDGELEY EXP FARM	73.6	53.7	63.7	.1	91	13	33	6		2	0	0	0	6.61	2.94	2.74	16	.0	0		12	4	3
EDMORE 1 W	70.3	47.3	58.8M	-3.5	85	11+	28	6	207	0	0	1	0	3.60	.49	1.09	24	T	0		12	3	2
ELLENDALE	76.4	55.5	66.0	1.2	93	12+	37	6	84	2	0	0	0	6.30	2.89	1.87	20	.0	0		16	3	3
ENDERLIN	74.8	52.7	63.8		92	13	31	6		3	0	1	0	6.22		2.88	16	.0	0		15	3	1
FARGO WB AP R //	75.4	54.3	64.9	.3	91	11	33	6	102	4	0	0	0	5.23	2.19	2.05	15	.0	0		14	3	1
FORMAN	77.7	55.1	66.4	1.4	94	12	34	6	80	3	0	0	0	4.63	1.03	1.63	15	.0	0		12	3	2
FULLERTON	76.5	55.6	66.1	1.9	94	12	35	6	85	3	0	0	0	6.13	2.22	2.17	15	.0	0		10	3	2
GACKLE	74.8	51.3	63.1M	- .2	94	12	34	6	134		0	0	0	5.50	2.03	2.45	15	.0	0		11	4	1
GRAFTON STATE SCHOOL	76.6	48.6	62.6	-1.1	93	11+	31	6	127	3	0	1	0	3.73	.48	1.43	20	.0	0		11	3	1
GRAND FORKS CAA AP	76.1	52.1	64.1	.7	95	12	30	6	110	3	0	1	0	4.22	.94	1.29	20	.0	0		13	4	1
GRAND FORKS UNIV	75.9	53.4	64.7	1.3	92	12	32	6	99	3	0	1	0	4.39	1.11	1.28	20	.0	0		14	4	1
GRAND RAPIDS 1 N	76.9	53.0	65.0		95	12	31	6	90	3	0	1	0	5.50		2.41	15	.0	0		10	3	2
HANKINSON R R STA	76.5	55.5	66.0	- .9	94	13+	36	6		3	0	0	0	6.18	2.60	2.21	24	.0	0		11	5	1
HANNAH	72.8	48.3	60.6M	.1	89	12	32	6	162	0	0	1	0	4.55	1.14	1.23	20	.0	0		12	3	1
HILLSBORO	75.9	53.1	64.5	- .2	91	12	31	6	106	3	0	1	0	10.55	7.13	3.95	15		0		12	6	3
JAMESTOWN CAA AP	73.5	52.6	63.1	- .6	92	12	35	6	129	2	0	0	0	11.31	7.81	3.39	20	T	0		11	4	4
JAMESTOWN STATE HOSP	75.8	53.4	64.6	.9	95	12	35	6	105	3	0	0	0	7.80	4.30	2.64	20	.0	0		11	4	4
KENSAL WILDLIFE REF	75.8	50.5	63.2		93	13	30	6	127	3	0	1	0	6.33		2.03	20	T	0		11	4	3
LANGDON EXP FARM	73.7	48.1	60.9	.3	90	12	31	6	157	1	0	1	0	2.94	- .30	1.31	20	.0	0		10	2	1
LARIMORE	74.8	51.7	63.3	.4	90	11+	31	6	118	2	0	1	0	6.97	3.41	1.75	20	.0	0		13	6	3
LISBON		52.8					30	6			0	1	0	6.41	2.51	1.89	16	.0	0		12	4	3
MAYVILLE	75.8	53.7	64.8	.3	91	12	31	6	93	3	0	1	0	6.67	3.30	2.22	20	.0	0		18	3	1
MC HENRY 5 N	72.9	50.1	61.5	- .3	90	12	31	6	150	1	0	1	0	4.11	.64	1.27	20	T	0		13	4	1
MC LEOD 3 E	76.6	54.6	65.6M	.3	92	12+	33	6	97	2	0	0	0	4.87	1.04	1.60	15	T	0		11	3	1
MUNICH 4 SW	71.0	47.7	59.4		88	12	31	6	186	0	0	1	0	3.13		1.04	20	.0	0		12	1	1
OAKES	74.1	55.5	64.8M	- .5	91	13	35	6		1	0	0	0	7.28	3.64	3.35	16	.0	0		14	4	2
PARK RIVER	75.7	52.7	64.2	1.1	90	11+	34	6	103	2	0	0	0	4.02	.76	2.01	20	.0	0		14	3	1
PEMBINA 2 N	77.2	49.8	63.5M	.7	92	12+	30	6	109	5	0	1	0					.0	0				
PETERSBURG	74.0	51.0	62.5		89	11+	33	6	131	0	0	0	0	5.28	1.78	2.02	20	.0	0		16	4	1
SHARON	73.8	53.6	63.7M	.7	89	12	33	6	121	0	0	0	0	5.11	1.50	1.30	20	T	0		12	4	1
VALLEY CITY	76.3	54.4	65.4	1.3	92	13	32	6	101	3	0	1	0	8.65	5.10	2.95	15	.0	0		10	4	3
WAHPETON STATE SCHOOL	79.4	56.4	67.9	2.1	92	12+	34	6	60	5	0	0	0	4.80	1.22	1.07	15	T	0		13	3	2
DIVISION			63.7	.1										5.69	2.15			T					
MIDDLE DIVISION																							
ASHLEY	74.2	53.0	63.6	.4	92	13	33	6	117	3	0	0	0	4.39	.97	1.62	14	.0	0		12	2	2
BELCOURT INDIAN RES	71.6	49.0	60.3		87	11+	28	6	167	0	0	1	0	3.98		1.15	4	.0	0		12	3	1
BISBEE	73.2	50.6	61.9	- .2	91	12	34	6	137	1	0	0	0	3.81	.45	1.05	20	.0	0		12	4	1
BISMARCK WB CITY R	73.8	55.4	64.6	.4	94	13	36	6		2	0	0	0	7.37	4.14	3.06	16	.0	0		15	4	3
BISMARCK WB AP	74.5	54.2	64.4	.1	94	12+	37	6	104	2	0	0	0	5.68	2.35	3.07	15	T	0		14	3	2
BOTTINEAU	70.8	49.8	60.3	-1.5	89	13	35	6		0	0	0	0	2.54	- .65	.43	21	.0	0		15	0	0
BUTTE	72.7	52.6	62.7M	.2	91	13	36	6		2	0	0	0	3.46	.06	.90	20	.0	0		12	3	0
CARSON NO. 2	71.8	52.7	62.3	-1.4	90	13+	39	6		2	0	0	0	5.52	2.04	1.40	20	.0	0		18	5	2
CENTER	74.4	51.5	63.0	- .7	97	13	33	6	121	2	0	0	0	4.56	1.00	1.78	15	.0	0		11	2	2
DRAKE	73.0	52.9	63.0M	- .8	91	13	39	5+		1	0	0	0	3.79	.63	.71	5	.0	0		13	3	0
ECKMAN	71.9	50.9	61.4	- .6	91	13	37	6		1	0	0	0	4.90	1.92	1.30	18	T	0		10	4	1
FESSENDEN	74.8	51.0	62.9	.3	93	12	34	6	125	3	0	0	0	4.59	1.11	1.49	20	.0	0		14	3	2
FORT YATES	76.4	54.7	65.6M	-1.0	93	12	36	6	85	2	0	0	0	4.82	1.35	1.38	15	.0	0		14	4	1
FOXHOLM 7 N	74.5	51.3	62.9	1.0	91	12	36	6	117	2	0	0	0	7.64	4.66	1.69	2	.0	0		19		2
GARRISON	72.1	52.0	62.1	- .8	94	13	37	6		2	0	0	0	5.15	1.73	1.22	14	T	0		13	5	1
GRANVILLE	72.5	51.7	62.1M	- .6			39	5+	122		0	0	0	7.06	3.87	1.17	24	.0	0		15	7	3
HANSBORO	71.7	49.7	60.7M	- .1	89	12	35	6	157	0	0	0	0	3.11	- .21	.81	4	.0	0		11	2	0
LEEDS	74.0	51.8	62.9M				35	6	118		0	0	0	4.53		1.02	20	T	0		13	4	1
LINTON	75.2	54.0	64.6	- .6	94	13	34	6	96	2	0	0	0	7.16	3.89	2.70	15	T	0		14	4	2
MADDOCK AGR SCHOOL	75.1	51.4	63.3	1.1	92	12	34	6	112	1	0	0	0	3.59	.20	.68	14	.0	0		11	3	0
MANDAN EXP STA	73.0	53.5	63.3	-1.1	92	13	35	6		2	0	0	0	6.56	3.28	2.34	16	.0	0		15	4	2
MANDAN FT LINCOLN PARK	76.6	52.9	64.8		96	12	36	6	100	2	0	0	0	6.16		2.57	15	.0	0		12	4	2
MAX	73.6	50.7	62.2	-1.4	93	13+	38	5+		2	0	0	0	5.07	1.68	1.40	24	.0	0		16	3	1
MC CLUSKY	74.3	52.4	63.4	1.1	92	12+	34	6	127	3	0	0	0	3.51	.05	1.09	15	.0	0		11	3	1
MINOT CAA AP	71.6	52.6	62.1	- .5	90	12	37	5	140	1	0	0	0	7.12	4.01	1.62	4	T	0		16	6	2
MINOT EXP FARM	73.9	52.3	63.1M		92	12	37	5	131	2	0	0	0	5.47		1.75	4	.0	0		14	3	1
MOFFIT 4 SE	73.5	51.5	62.5		90	13	30	6	143	1	0	1	0	5.28		2.75	15	.0	0		13	3	1
MOHALL	72.7	51.5	62.1	.4	90	12	38	5+	125	1	0	0	0	6.20	3.27	1.31	14	T	0		16	6	1
NAPOLEON 1 SE	73.8	52.9	63.4	.5	91	13	33	6	121	2	0	0	0	3.64	.28	1.83	15	.0	0		14	2	1
NEW SALEM 1 S	72.6	51.2	61.9	-1.7	91	12	36	6	143	2	0	0	0	4.87	1.42	1.21	15	T	0		11	4	2
PETTIBONE	73.7	52.9	63.3	.7	91	12	35	6	124	2	0	0	0	4.88	1.77	2.00	14	T	0		9	4	2
RIVERDALE	71.1	52.6	61.9		89	13+	36	6		0	0	0	0	3.58		.82	20	.0	0		16	3	0
ROLLA	71.6	50.6	61.1M	.8	90	12	37	6	151	1	0	0	0	3.98	.58	1.25	4	.0	0		14	3	1
RUGBY	75.4	53.1	64.3		92	12+	38	6	102	2	0	0	0	5.28	2.18	.98	24	T	0		19	6	0
SAN HAVEN	71.7	50.9	61.3	- .1	89	12+	34	6	157	0	0	0	0	3.52	.51	.68	28	.0	0		17	3	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STEELE	75.2	51.7	63.5	.5	93	12	34	6	123	3	0	0	0	5.60	2.04	2.97	15	.0	0		10	3	2
TOWNER	75.6	51.0	63.3	- .1	92	12	38	6	114	2	0	0	0	5.48	2.37	1.20	17	.0	0		11	6	2
TURTLE LAKE	75.3	51.7	63.5	1.2	93	13	35	6	113	3	0	0	0	3.99	.52	1.22	20	.0	0		13	3	1
UNDERWOOD	72.5	51.0	61.8	-2.5	92	13	37	6		2	0	0	0	4.17	.75	1.02	20	.0	0		13	3	1
UPHAM 3 N	77.0	50.6	63.8M		92	12	37	6	90	2	0	0	0	3.65		1.04	20	.0	0		16	2	1
UPHAM 3 W	73.7	51.1	62.4M		90	12	38	6	126	1	0	0	0	4.06		.83	20	.0	0		10	3	0
VELVA	73.6	52.9	63.3	-1.3	90	12	38	6	117	1	0	0	0	4.85	1.92	1.47	24	T	0		16	3	1
WASHBURN	76.4	52.9	64.7M	- .2	93	12+	37	6	108	3	0	0	0	3.00	- .39	1.04	20	.0	0		14	2	1
WESTHOPE	73.1	49.9	61.5	-1.2	93	12	38	6	144	2	0	0	0	3.30	.29	.70	4	.0	0		16	2	0
WILLOW CITY	73.3	50.3	61.8	.5	91	12	34	6	132	1	0	0	0	3.13	.08	.70	20	.0	0		11	3	0
WILTON R R STATION	74.2	51.3	62.8M	.0	98	13	31	6		2	0	1	0	5.50	2.22	1.82	16	.0	0		13	4	2
WISHEK	74.4	51.8	63.1M	- .5	90	12+	35	6	128	3	0	0	0	6.78	3.32	4.21	15	.0	0		12	2	2
DIVISION			62.8	- .2										4.81	1.33			T					
WESTERN DIVISION																							
ALMONT 7 SW	73.7	53.0	63.4		92	12	37	6	117	2	0	0	0	5.13		1.60	15	.0	0		12	3	3
AMIDON	71.7	51.8	61.8	-1.0	91	13	41	5+		2	0	0	0	4.44	.96	1.29	15	.0	0		16	3	2
BEACH	72.2	51.1	61.7	- .9	91	14	38	6		1	0	0	0	3.47	- .12	1.05	20	T	0		15	2	1
BELFIELD	73.5	50.8	62.2	.5	91	13	39	6	131	1	0	0	0	5.10	1.68	1.16	19	.0	0		19	3	1
BOWBELLS	71.6	51.8	61.7M	- .1	90	13	38	5		1	0	0	0	7.99	4.75	2.35	3	.0	0		15	6	2
BOWMAN COURT HOUSE	75.6	51.8	63.7	.3	91	12+	38	5	108	2	0	0	0	5.77	2.66	2.06	15	.0	0		13	4	2
CROSBY	72.2	51.0	61.6	- .1	89	12	37	6	140	0	0	0	0	7.69	4.53	1.50	29	.0	0		13	6	5
DICKINSON CAA AP	71.5	51.7	61.6	- .5	90	13	38	6	152	1	0	0	0	3.75	.23	1.39	19	.0	0		14	2	1
DICKINSON EXP STA	71.8	51.9	61.9	- .2	90	14	37	6		1	0	0	0	3.99	.47	.90	19	.0	0		16	4	0
DUNN CENTER	71.6	49.2	60.4	-2.1	88	13	32	6		0	0	1	0	3.72	.02	.74	3+	.0	0		20	2	0
ELBOWOODS	74.4	51.2	62.8	- .6	90	12+	39	6	134	2	0	0	0	4.21	.53	.92	20	.0	0		12	4	0
EPPING	73.7	50.6	62.2	- .9	93	12	38	9	145	2	0	0	0	9.14	5.83	1.73	3	T	0		16	8	2
GRENORA	72.6	51.0	61.8	.8	90	12	40	5+	133	1	0	0	0	10.14	7.18	1.65	4	.0	0		17	7	5
HETTINGER	73.7	52.7	63.2	- .8	90	12+	40	6	123	2	0	0	0	5.30	2.14	1.52	15	.0	0		12	4	2
KENMARE	72.2	50.6	61.4	-1.0	92	13	37	5		1	0	0	0	6.31	3.42	1.77	3	.0	0		17	3	3
LOSTWOOD 12 N											0	0	0	8.06		2.32	3	T	0		15		
MARMARTH	75.3	53.2	64.3M	.9	91	13	42	26	100	2	0	0	0	3.52	.39	.89	19	T	0		12	3	0
MEDORA 4 NNE	75.8	52.4	64.1		92	13	40	26	105	3	0	0	0	2.75		.64	24	T	0		14	1	0
MOTT	72.9	52.3	62.6	-2.4	91	12	40	5	126	2	0	0	0	5.21	1.96	1.35	15	.0	0		11	4	3
NEW ENGLAND	73.8	52.0	62.9	- .7	92	12	40	5	132	2	0	0	0	4.41	1.25	1.75	15	.0	0		13	3	2
NEWTOWN	73.7	52.0	62.9M	- .4	92	12	37	6	128	1	0	0	0	5.63	2.26	1.33	14	T	0		15	3	1
PARSHALL	73.5	51.0	62.3	.3	92	12	34	6	136	1	0	0	0	4.92	1.43	.70	3	T	0		15	5	0
PORTAL	72.8	50.5	61.7	1.1	91	12	36	6		1	0	0	0	8.38	5.29	1.46	14		0		16	7	3
POWERS LAKE 1 N	72.3	50.2	61.3	- .2	91	12	38	5+	163	1	0	0	0	9.72	6.43	2.50	30				11	6	4
RICHARDTON ABBEY	74.1	52.0	63.1	.0	92	12+	38	5	126	3	0	0	0	4.79	1.32	1.23	20	T	0		16	3	2
STANLEY	71.0	51.0	61.0		89	12	36	6	164	0	0	0	0	10.02	6.62	2.82	3	.0	0		14	6	3
WATFORD CITY	73.2	52.9	63.1	.0	93	12	37	6	130	2	0	0	0	6.83	3.68	2.15	3	.0	0		13	4	2
WATFORD CITY 14 S	75.5	51.1	63.3M		92	13	36	6	119	3	0	0	0	4.58		1.23	24	.0	0		14	3	2
WILLISTON WB CITY R //	72.2	53.8	63.0	.0	92	12	42	5	134	1	0	0	0	5.62	2.03	.64	4	T	T	26	18	7	0
DIVISION			62.4	- .3										5.88	2.38			T					
STATE			63.0	- .1										5.45	1.94			T					

Table 6

EVAPORATION AND WIND

Station		Day of month																														Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP	.12	.18	.24	.15	.11	.16	.16	.02	.10	.19	.22	.21	.19	.17	.08	.13	.18	.14	.12	.14	.11	.18	.19	.27	.27	.22	.18	.20	.15	.20		4.98
	WIND	17	59	36	30	49	11	30	17	4	14	16	10	5	7	2	11	30	2	6	61	95	29	39	55	135	30	4	17	9	19		849
DICKINSON EXP STATION (a)	EVAP	.20	.15	.17	.14	.10	.05	-	-	.17	-	.05	-	.15	.18	-	-	.15	.18	.19	.04	.08	.24	.18	.17	.24	.17	.17	.14	.18	.18		4.598
	WIND	50	260	105	225	185	45	170	100	50	135	45	60	60	50	70	20	90	50	85	120	125	89	116	130	225	100	60	50	170	95		3135
EDGELEY EXP FARM	EVAP	.18	.20	.26	.20	.33	.07	.11	*	*	.11	.07	.16	.18	*	.33	-	-	-	.17	-	-	-	.17	.12	.12	.12	.27	.17	.17	.37		4.948
	WIND	60	53	117	80	144	34	37	71	14	8	25	10	11	2	0	72	6	2	45	48	74	2	20	27	32	34	8	29	47	60		1172
MANDAN EXP STATION (a)	EVAP	.14	.20	.25	.21	.14	.10	.11	.01	.01	.08	.02	.09	.10	.29	.14	-	.16	.15	.24	.18	.12	.18	.15	.15	.25	.20	.16	.10	.19	.19		4.468
	WIND	69	173	200	142	216	63	117	135	45	89	40	42	36	63	37	107	86	55	95	195	131	93	93	126	200	116	47	31	131	113		3086
RIVERDALE	EVAP	.21	.21	.38	.25	.15	.19	.14	.09	.07	.16	.11	.25	.25	.22	.20	-	.31	.25	.14	-	.20	.24	.07	.41	.19	.28	.28	.15	.16	.33		6.318
	WIND	89	192	169	126	156	45	122	148	49	97	58	44	43	39	23	29	90	56	47	114	93	64	104	113	144	93	39	43	122	70		2621
UPHAM 3 W	EVAP	.36	.35	.11	.07	.12	.18	.21	.17	.15	.10	.22	.32	*	.39	.11	.21	.35	.22	*	.10	.11	.16	.17	.23	*	*	.65	*	.54	.28		5.88
	WIND	131	262	148	78	35	42	135	136	55	59	30	48	*	124	13	46	84	25	*	59	124	34	57	98	*	*	354	*	92	112		2381

(a) Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
JUNE 1953

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	4.14		.02	.10	.11				.20						.06	.07	.11	.11	.02	.02	1.53	.05		.06	.70	.11			.12	.70	.05	
ALEXANDER	5.12	T	.02	1.12	1.11				.44		.01			.07				.04		.14	.60	.01		.20	.62	.08		.08		.21	.37	
ALMONT 7 SW	5.13			.40	.02	T		.08	.12	.04	.02				1.20	1.60				T	1.24		T	.03	.34			.04				
AMBROSE	6.88	.02	.02	.98	.72			T	.26					T				.04			1.35	.42		.84	.98	.05	T			.20	1.00	
AMENIA	-			.11	.24			.12	.31					.55	.78	5.30	.10				-		.05	.30	.03			.20	.30	.50		
AMIDON	4.44		.08	.02	.12	.02		.02	.37	.03					.02	1.29	.14		.29	.74	1.20	.05			T				.03		.02	
ARVILLA STATE PARK	6.24			.03	.66	.02		.02	.31					.40	.43	1.02	.01	.02			1.91			.18	.51	.08				.64		
ASHLEY	4.39			.26		T		.13	.09	.24				.03	1.62	1.30					.32	.01	.03	.27				.09				
BALTA	4.03	.07		T	1.02			.08							.18	.30		.29			.73		.25	.57						.54		
BANTRY	5.02			.30	.10				.05						1.23			.78			.96		.30	.11	.58			.20		.41		
BEACH	3.47		T	T	.73	.09		T	.39	.01				.18	.05	.08			T	.04	1.05	.16		.01	.40	.04		.13		.11		
BELCOURT INDIAN RES	3.98		.20		1.15	T		.07	.11								.56	.42			.65	T		.06	.38	.15			.03	.20	T	
BELFIELD	5.10	T	.40	.32	.22	.06	.06	.04	.42	.05	.12			T	.04	.60	T		.20	1.16	.73	T		T	.46	.06	.03	.03	.10			
BERTHOLD	8.55			1.01	1.18	.02		.24	.35		.18				.40	T		.64		.09	.64	.09		.60	.60	.01		.26		.37	1.87	
BEULAH	6.03		1.81	.28	.05			.41	.15				.37	.37	.47	.57		.10	.18	.58	.03			.66								
BISBEE	3.81		.23		.59	.02		.02						.02				.50			1.05	.02			.62	.03			.30	.41		
BISMARCK WB CITY	7.37			.37	.04	.06			.04	.02	.03	.02			.77	1.28	3.06				1.21			.04	.34	T	T	.04	.05			
BISMARCK WB AIRPORT R	5.68		.29		.06	T	T	.01	.07		.01			.16	.54	3.07				.12	1.01		.01	.02	.18	T		.13			T	
BISMARCK 12 ENE	6.73			.23	.02	T		.01	T						1.59	3.45					1.02	.02	.07		.23	.01		.07	.01			
BOTTINEAU	2.54	.01		.07	.40	.03			.02	.01								.03	.29		.26	.43			.38	.12	.03		.14	.32		
BOWBELLS	7.99		.86	2.35	1.22	.22			.24	.08	T				.37			.03	.15	T	.55	.32		.25	.80	.02				.53		
BOWMAN COURT HOUSE	5.77		.02	.01	.06	.01	.11	T	.31	.03					.93	2.06				1.25	.80			.05				.13			T	
BOWMAN 11 SE	7.68				T	T	.26	.01	.51	.15			.89	.51		2.76				1.45	1.09			T	T			.05			T	
BOWMAN 30 NNW	3.78			.17	.09				.37					.36		1.03		.13		.90	.73											
BURT 16 N	5.84		.82	.55			T	.10	.13	.15				.60	.75	1.32					.84				.40			.18				
BUTTE	3.46				.06	.67			.07	T					.27		.50			.03	.90	.11	.01	.33	.33					.18		
CARRINGTON	4.80			.01	.01	.20			.19	.02					.85	.13	.95				.32	1.47		.29	.18	.08					.10	
CARSON NO 2	5.52			.60	.07	.03	T		.01	.10	.03	T		.05	.70	.85	1.34			.01	1.40		.07	.05	.05			.02		.10	.04	
CAVALIER	3.56		.02	.08	.09	.09		T	.13				T			T		.22	T		1.76				.35	.06				.76		
CENTER	4.56			.45	.33			.04	.10			.02		.17	.34	1.78			.08		1.15				.10						T	
COLGATE	7.41		.05	.02					.40						.81	1.24	.86			.09	2.75		.05	.37	.05			.05	.09	.58	T	
COLUMBUS	8.20	.09	.46	1.67	1.38	.03		.09	.17	.01					.48					.11	.67	.31		.67	1.17	.09				.43	.37	
COOPERSTOWN	6.19				T	.15		.05	.10						.90	1.00	.27				2.20			.70	.30	.20		.07		.25		
COURTENAY	7.01			.08	.12	.04		.02	.15						.85	1.44	.03				3.08		.05	.25	.10	T		.20		.60		
CROSBY	7.69	T	.22	1.08	1.07			T	.29	T					.12					.10	1.07	.14		.74	1.13	.03				1.50	.20	
DEVILS LAKE WB CITY R	4.88		.02	T	.87	.02		.03	.17					.05	.10	.24		.20	.02	T	1.44	T		.26	.62	T		.27	T	.50	.07	
DICKINSON CAA AP	3.75	.02	.10	.05	.03	T	T	.08	.25	T	T		T	.15	.03	.95			.17	1.39	.37		T	.15	.01					T	T	
DICKINSON EXP STA	3.99			.13	.14	.05	T	T	.21	.50	.02	.01		.05	T	.51	.27		.05	.90	.85	.06		T	.20	T	T	T		.04	T	
DONNYBROOK	7.27			2.06	1.04			.30	.03	.11					.10	.11	.26			.10	.52	T		.96	.84			.11		.41	.32	
DRAKE	3.79	.02			.08	.71			.05	.02					.65		.40				.46	.21	.08	.22	.69					.20		
DUNN CENTER	3.72			.74	.49	.09	T		.19	.17	T	.03	.02	.19	T	.02	.04			.38	.74	.11	.02	.01	.30	.02	.07			.08	.01	
ECKMAN	4.90		.05	T	.80	.20			.25						.40			T	1.30		.45	.15		T	.50			T		.80		
EDGELEY EXP FARM	6.61			.26					.22	.01	.01					.91	2.74				1.12	1.02			.03	.01	T		.09		.19	
EDMORE 1 W	3.60		.09	.05	.07				.10						T	.06		.15	T	T	1.06	.10		.05	1.09	T	.20			.58		
ELBOWOODS	4.21			.48	.41			.13	.20					.79				.01		.50	.92		.01	.16	.55					.05		
ELGIN 5 S	5.06			.55	T		T	T	T		T			T	.74	2.19				T	1.01		.03					.54			T	
ELLENDALE	6.30			.44				.20	.24	.23				.02	1.51	1.17	.11			.22	1.87	.01	.01	.09	.06	.09		.03				
ENDERLIN	6.22			.17	.01	.04			.35	.02					.60	.27	2.88				.80	.33		.36	.04	.02			.25		.08	
EPPING	9.14	.06	.05	1.73	.98			.10	.41		.05				.34					.50	.52	.03		.97	.97				.43	1.35	.65	
FAIRFIELD	3.81		.01	.65	.66	.02	T	T	.50	.15	.06			.03	.02	.01			T	.29	.69			.44	.05	T		.04		.19	T	
FARGO WB AIRPORT R //	5.23		.15	T	.07	T		.09	.40				T		.69	2.05				.02	.49	.06		.19	.03			.08		.04	.87	
FESSENDEN	4.59			.05	.32			.04	.09		.04				.35	1.01			.06		1.49	.01		.40	.57			.06		.10		
FLASHER	4.60			.50						.10					.45	.45	1.29				.90	.03		.12	.04			.22	.50			
FLAXTON	8.01	T	.88	1.45	1.36	.09		.03	.21	.03	.51	.01		.77	.01			T	T	.12	.49	.20		.37	.79	.03		.05		.58	.03	
FORBES 13 NW	6.59			.44				.34	.08	.17	.02				2.33	1.55	.02			.12	1.25		.05	.13				.09		T		
FORMAN	4.63			.18				.15	.22	.06					.72	1.63	.08			.14	1.25		T	.02	.13			.05				
FORT YATES	4.82			.40	.04			.01	T	.51	.02			.48	.79	1.38				.11	.57	.01	.09	.24	T			.17				
FOXHOLM 7 N	7.64		1.69	*	.84	.02		.08	.29						.43			.50	.13	.05	.63	.23		.76	.63	.01		.28	.05	1.01	.01	
FULLERTON	6.13		T	.41				.18	.06	.16					.93	2.17				.24	1.78		.04	T				.16				
GACKLE	5.50			.18	.05			.13	.07						.64	2.45	.35			.11	.91			.08				.53				
GARRISON	5.15			T	.98	.18			.15	T	.01				1.22	.02	.17		T	.12	.64	.15		.54	.84					.13		
GLEN ULLIN 13 N	5.35		.73	.59	.24	.01		.16	.31	.01	.02				.67	1.14			.08	.07	.93				.26			.13				
GOLDEN VALLEY 10S	5.15			1.07	.17			.23	.17						.60	1.00			.20	.47	.72				.52							
GRAFTON STATE SCHOOL	3.73			T	.50	.01			.25				.15			.08		.04	.03		1.43			T	.35	.02	T			.87		
GRAND FORKS CAA AP	4.22		.01	.03	.08			.13	.25				T		.08	.76		T		.02	1.29			.13	.65					.54	.25	
GRAND FORKS UNIV	4.39		.03		.04			.09	.38					T	.08	.56	.07			.05	1.28			.13	.70	.04				.54	.40	
GRAND RAPIDS 1 N	5.50			.20		T		.09	.10						.84	2.41	.21			.09	1.27			.18				.11		T		
GRANVILLE	7.06		.07	.12	.94	.04		.10	.02						.51			1.14		.05	1.12	.20		.94	1.17			.07		.57		
GRASSY BUTTE 10N	5.24		.15	.89	1.42	.01		.04	.26	.01	.07									.20	.30	.44		.40	.74		.19	.12				
GRENORA	10.14	.16	.07	1.32	1.65	.02			.32					.12						.27	1.31	.16	.02	1.35	1.55	.06		.31		.60	.85	
HALLIDAY	3.87			.99	.24	.03		.10						.34	.23	.05				.85	.81			.20	T	T		.03				
HANKINSON R R STA	6.18			.30					.78		.10					.62	.67	.02			.94			.20	2.21	.32			.02			
HANNAH	4.55		.25	.37	.52	.01		T	.37								.39	.58			1.23	.01			.43	.04				.35		
HANSBORO	3.11		.29		.81	.01			.09							.02	.37				.73	T		T	.42	.04		.09		.24		
HARVEY 3 NE	4.32				.37			.08	.04		.03				.80	.65			.07		1.14	.07		.32	.37					.38		
HETTINGER	5.30		.08				.24	T	.15	.12	.02				.94	1.52				.94	1.19		.06	.02							.02	
HILLSBORO	10.55			.07	.01	T		.28	.13		T				1.94	3.95	.58			T	1.12			.75	.28			.49		.95		
JAMESTOWN CAA AP	11.31		.15		.09	.05		.08	.03						1.32	2.41				.29	3.39		T	.23	T			3.27		T		
JAMESTOWN STATE HOSP	7.80			.17	.07	T		.03	.03						1.15	1.97	.18			.03	2.64			.31	T			1.22				
KEENE 2 S	5.44	.01	.20	1.08	.68			.09	.23					.05	.15			.35	T	.25	.48		.07		.60		.03	.89		.25	.03	
KENMARE	6.31		.05	1.77	1.05	.16			.30	.08					.08			.07	.05		.46	.30	.07	.20	1.20				.05	.40	.02	
KENSAL WILDLIFE REF	6.33				.30			T	.16						1.41	1.29	.13				2.03			.27	.14	.03		.05		.52		
KILLDEER 8 NW	5.68			3.20	.56	.08		.19	.25		.09									.27	.46				.32	.15			.08		.03	
KULM	5.75			.22				.16							.47	2.60	.34				1.48		T					.48				
LANGDON EXP FARM	2.94		.13	.03	.15	.05		T	.08								.04	.37			1.31				.51	T	T			.27		
LANSFORD	5.28			.35	.79	.05		T	.27		T				1.27			.47		.03	.57	.03		.38	.49			.02		.56		
LARIMORE	6.97			.03	.23			.05	.29					1.02	1.08	.88		.05	T	T	1.75			.19	.69	.06				.65		
LEEDS	4.53		T	.06	.70	.01								.14	.28		.08	.55		T	1.02	.03	.14		.94		T	.14		.44		
LEFOR 10 E	4.95			.12	.03	.01		.02	.20	.12	.02			.12	.62	2.23				.24	.87		.08	.04	.23							
LINTON	7.16		T	.40	.15	T		.14	.15	.25				.04	1.65	2.70				.65	.17	.05	.07		.04			.70				
LISBON	6.41			.22				.20	.16	.03					.15	1.75	1.89			.58	1.01			.33	.01	.08		T				
LITCHVILLE	6.33			.10	.01			.06	.05						.85	2.05	.40			.05	1.44			.44	.02			.66		.20		
LOSTWOOD 12 N	8.06			2.32	1.05				.42	.74	.05				.10			.17	T	*	*	1.26		.87	.72	.03		.03		.30	T	
MADDOCK AGR SCHOOL	3.59		.02	T	.62	T		T	.19		.03		T		.68	.54		T	.06	T	.49	T		.45	.33				T	.18		
MANDAN EXP STATION	6.56			.33	T	.01		T	.06	.11	.02	.02			.70	.92	2.34				1.11	.03		.02	.48	T		.22	.19			
MANDAN FT LINCOLN PARK	6.16			.27	.02	T		.07	.06	T	.05	T			.56	2.57	.37				1.38			.03	.22			.56	T			
MARMARTH	3.52		.04	.16	.06		T	.04	.50	.05					.75	.25			.32	.89	.37	T						.09				
MARTIN	-				.10										-	.80					-		.15							.30		
MAX	5.07			.10	.76	.32		.30	.32		.15				.32	T		.02	.04	.05	.60	.10		.34	1.40	.10				.15		
MAYVILLE	6.67	.02	.12	.05	.03			.06	.27		T			.47	.47	.54	.74			.19	2.22			.48	.43	.02		.01	.21	.34		
MC CLUSKY	3.51			.11	.12	.09		.01							.34	1.09			.18		.90		.02	.53	.12							
MC HENRY 5 N	4.11				.15	.02			.07		.02		.02		.85	.58					1.27			.44	.55			.01	.05	.08		
MC LEOD 3 E	4.87			.17				.12	.42						.27	1.60	.27			.07	.82			.28	.64	.21						
MC VILLE	6.08			.03		.11		.04							.80	.85					2.45			.31	.95			.03	.51			
MEDINA 1 W	4.10			.13	.16										.60	1.13	.08				1.29			.15				.56				
MEDORA 4 NNE	2.75		.17	.37	.25		T	.02	.33	T				.07	.04	.06			.04	.44	.07	T			.64			.14		.11		
MEDORA 23 NNW	4.00			.01	1.32	.07			.47	.38				.10						.02	.70	.02			.42	.25				.24		
MINOT CAA AP	7.12		.19	.32	1.62	.01		.19	.10	T	T			.51				.49	T	.08	.64	T	.17	.19	.68	T	.43	T		.50	1.00	
MINOT EXP FARM	5.47			.28	1.75	T		.07	.15						.07	T		.90		.10	.41	.04		.49	.80	T	T	.12	.14	.15		
MOFFIT 4 SE	5.28			.28	.05	T		.04	T	.30	T	.01			.87	2.75	.19			T	.52	T	.01	.02	T	.01		.23				
MOHALL	6.20		.03	.88	.68	.03		.16	.12						1.31			.99	T	.02	.72	.05		.22	.61			.07		.29	.02	
MONTPELIER	9.12			.17	.07	T		.03	.07						1.15	3.50	.80			.21	2.10			.70				.32		T		
MOTT	5.21		.12	T	T	T		T	.18	.11	.03			.70	1.02	1.35				.24	1.14			.02	T			.30				
MUNICH 4 SW	3.13				.20	.03		T	.34					.03	.04	T		.31	.02	T	1.04				.34		.11		.28	.39		
NAPOLEON 1 SE	3.64			.29	.08			.02	.07	.03	T			T	.55	1.83	.01			.01	.38	.02	.02	.01	T			.32				
NEW ENGLAND	4.41			.07	.04		.02	.02	.40		T	.02			.07	1.75			.03	1.08	.78		.05		.08						T	
NEW ROCKFORD 7 WNW	4.6[illegible]	T		*	.49				.05						.41	.70					1.59	.03		.49	.59			T		.33		
NEW SALEM 1 S	4.87		.55	.31	.02			.04	.08	.13	T				1.20	1.21					.98		T	T	.33	T		.02				

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN	5.63			.51	.48			.06	.12						1.33			.47	T	.13	.37	.15		.54	.42	.01		.28		.31	.45	
NOONAN	9.10	.05	.66	1.42	1.10				.31						.08					.04	.76	.43		.62	1.52				1.03	.51	.58	
NORTONVILLE	7.44			.15				.13							1.00	2.35	1.70			.18	1.74				.09			.10				
OAKES	7.28			.42				.06	.13	.06	.08			.02	T	1.51	3.35	.02			.86	.53		.03	T	.17		T	.04			
PARK RIVER	4.02		.02	.02	.38	.02			.18							.03		.06	.07		2.01	.01		.03	.52	.04			T	.64		
PARSHALL	4.92			.70	.64			.19	.07		.02				.61			.33	.02	.16	.68	.06		.54	.44	T		.33		.13		
PEMBINA 2 N	-		.04	.86	-	.09			.10									.54			*	1.32			.41	.05			.40	T	.07	
PETERSBURG	5.28			.05	.15	.05		.03	.17					.12	.55	.31		.04	.06		2.02			.23	.82	.05			.04	.59		
PETTIBONE	4.88			.24	.02			.01	.01						2.00	.67					1.13			.62	.18			T	T	T		
PINGREE	4.39			.02	.13	T		T	.09						.60	1.28	.25			T	1.55			.23	.04			.12		.08		
PORTAL	8.38	.06	.08	1.08	1.33	.06			.16	.17	T				1.46				.53		.57	.25	.10	.35	.91	.20	T			.47		
POWERS LAKE 1 N	9.72		.30	2.10	1.70			.15	.11									T		.43	.54	T		1.36	.75	T	T	.78			[illegible]	
PRETTY ROCK	3.61		.39	T	T	T	T	.14	.10	.12	T	.03		.06	.27	1.18		T		.32	.67		.05	T	T			.28		T	T	
REEDER	9.85				.10		.20			1.00				.35	1.50	2.50				3.10	1.10											
REEDER 14 N	6.88			.05	.03	T	.02	.05	.29	.05					.76	2.43	.75			.83	1.48	.08		.06							T	
RICHARDTON ABBEY	4.79			.42	.18	.06		.03	.15	.08	.01	.01		.02	.09	1.21			.21	.47	1.23		T	T	.61					.01	T	
RIVERDALE	3.58			.12	.75	.22	T		.15	.01	.01	T			.05	.07	.58		T	.10	.82	.10		.10	.44		.05			.01	T	
ROLLA	3.98		.24		1.25	.01		.04	.07						.01		.19	.41			.62			.04	.75	.07		.06	T	.22		
RUGBY	5.28		.12	.01	.95	.01		.02	.03	.01					.64	.02	.01	.72	.28	.01	.65	.06	.01	.17	.98					.58		
RYDER	4.51		.05	*	1.40				.24		.05			.15	T			.05		.20	.55	.08	.25	.39				T		.14	.96	
SAN HAVEN	3.52		.13	.02	.67	.02		.04	.04	T					.02		.03	.33	T		.55	.02		.12	.26	.20	.21		.68	.18		
SCRANTON	6.31				.01	T	.14	T	.34	.06				.06	.80	2.10				2.10	.70				T							
SELFRIDGE 11 W	4.34		.66	.02			.02			.80	T			.05	.40	.81				.04	.83		.19		.02			.46		.02	.02	
SENTINEL BUTTE 20 S	2.95			.14	.08		T		.56					.83	.11	.56					.53		.10		.04							
SHARON	5.11			T	.15			.12	.25		T				.36	.86	.02				1.30			.40	.50	T			.15	.48	.52	
SHERWOOD 3 N	6.98		.38	1.97	.86	.05		.09	.04		.14				.29			.05	.39		.54			.18	.41	.07	.06	.02	.09	1.35		
SHIELDS	2.89			.28					.06	.36					.27	.95					.97											
STANLEY	10.02			2.82	.84			.14	.40	1.40	.11				.12					.17	.64	T		.42	.45			.42		.79	1.30	
STEELE	5.60			.20	.08	T	T	.14	T	T					1.10	2.97	T				.72		T	.09	.05	.03		.22				
SYKESTON	4.05				.22			T	.05			T			.15	1.25			.17		1.24		.28		.12	T	.09		.38	.10		
TAGUS	7.75			1.10	1.00	T		.20	.23		.25			.20				.18		.18	.52			.65	.95	.08		.45		.38	1.38	
TIOGA	7.40			1.15	1.17			.15	.18					.90				.15		.65	.55			.38	.70					.62	.80	
TOLLEY 5 NNE	6.78		.07	.83	.91	.07	.02	T	.32		.02				1.62			.22	.74	.04	.55	.04		.35	.54		T	.12	.32			
TOWNER	5.48	T	.10	.18	.57				.13						.59			1.20		.08	.69			.22	1.02					.70		
TROTTERS 6 WNW	3.34			.58	.78		T	T	.39									.20	T	.19	.38				.47	.08	T	.07		.20	T	
TURTLE LAKE	3.99			.09	.25	.03		.03	.04						.70	.80			.09		1.22			.44	.16				.12	.02		
TUTTLE	5.79	.02		.32	.06	.02		.07			.01	.02			.80	3.19					.87	.02	T	.29	.10							
UNDERWOOD	4.17			.26	.25	.69			.22		.03	T			.02	.24	.68			.05	1.02	.05		.38	.28				T			
UPHAM 3 N	3.65			.07	.35	.04		.07	.03	.03					.06			.57	.32	.01	1.04	.10		.15	.29			.11		.41		
UPHAM 3 W	4.06	.10			.43				.16									.73	.32		.83			.24	.42			.11		.72		
VALLEY CITY	8.65			.17	.01			*	.10						.67	2.95				.03	1.80			.45				2.47				
VELVA	4.85		T	.02	.92	.05		.07	.16		T				.39	.02		.05		.10	.90	.10		.32	1.47	T	.08		.03	.17		
VERONA	4.44				.23			.20		.05					.67	1.87	.09		T	.05	.97			.28				.03	T			
WAHPETON STATE SCHOOL	4.80			.45	T	T		.14	1.00	.07				T	.15	1.07	.04			.09	.70			.40	.33	.31		.05		T		
WALHALLA	3.59		.10	.47	.18	.13		.12					T				.31	.25			1.48				.38					.17		
WARWICK	3.67			.08	.42			.14							.86	.43								.33	.77			.64				
WASHBURN	3.00			.25	.15	.02		.07	.02		T		T	T	.11	.82			.11		1.04	.03	.02	.07		.15		.14				
WATAUGA 8 N S DAK	3.84		.41	T	T	T	T		.14	.96				.48	.36	.87				.20	.40	T	T			.02						
WATFORD CITY	6.83			2.15	1.28			.11	.28					.22				.77		.27	.45			.13	.82			.13		.15	.07	
WATFORD CITY 14 S	4.58	.04	.29	.75	1.14		T	.04	.23		.02			.06	T			T		.10	.39	T			1.23	.15		.04		.10	T	
WESTHOPE	3.30		.09	.06	.70	.05		.15	.03						.03			.15			.46			.16	.36	.10		.39	.03	.52	.02	
WILDROSE	5.90	.14	.27	.45	1.50			.10	.18					T			T			.25	.76	.06		.45	1.68	.11		.49		.46		
WILLISTON WB CITY R //	5.62	.01	.53	.56	.64			.13	.34		.10			T				.08	T	.50	.53	.03	.02	.29	.55	.01	.48	T		.56	.26	
WILLOW CITY	3.13		T	.11	.45			T	.05		T				.05		T	.62	T	T	.70	.04		.11	.54	.02		T		.44	T	
WILTON RR STATION	5.50			.22	.03	.23	.01		.05		.01				.66	.54	1.82		.10	.10	1.47				.26					T		
WISHEK	6.78			.29	T	.03		T	.03	.15	T				1.24	4.21	.26			.13	.23	.03	T	.06				.12				
WOODWORTH 5 E	4.21			.20											1.05	1.20					1.25		.43	.08				T				
ZAHL	9.75	.15	.05	1.27	.78	T		.08	.28					.45						.12	1.34	.42	.78		1.93	.06	T		.10	.70	1.24	

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1952-53

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADAMS 7 S	T	T		T	1.2	3.0	7.0	2.0	1.0	6.0	T	T	20.2	
ALEXANDER				T	T	1.0	-	.8	-	T	T		-	
ALMONT 7 SW				T	1.1	.6	5.2	3.8	9.0	-	7.3		-	
AMBROSE		T	T	-	T	1.6	-	-	-				-	
AMENIA		T		T	2.0	5.0	4.0	5.0	4.0	T			20.0	
AMIDON	1.0			T	1.5	1.5	5.3	2.6	9.1	2.3	6.0		29.3	
ARVILLA STATE PARK					1.0	-	2.5	3.4	-		T		-	
ASHLEY					3.5	.2	-	2.1	3.5	T	1.0		-	
BALDHILL DAM					-	-	-	-	-	-	-	-	-	
BALTA				T		.5	3.5	-	5.5	3.4	2.0	T	-	
BANTRY				.9	T	2.0	10.0	1.0	9.0	12.0	1.0		35.9	
BEACH	-				3.1	-	-	3.0	11.0	-	4.0	T	-	
BELCOURT INDIAN RES		T		T	1.0	T	-	1.0	-	11.0	5.0		-	
BELFIELD	T			T	-	T	-	-	-	-	-		-	
BERTHOLD				.5	2.5	-	-	3.0	-	-	2.0	-	-	
BEULAH	T				T	T	5.1	3.1	7.5	1.6			17.3	
BISBEE				T	T	.5	4.0	1.0	7.5	10.0	T		23.0	
BISMARCK WB CITY				T	T	1.3	9.1	4.0	14.6	4.8	4.9		38.7	
BISMARCK WB AIRPORT				T	.4	2.4	7.7	4.6	17.5	2.9	1.8	T	37.3	35.3
BISMARCK 12 ENE	-	-	-	-	-	-	-	-	-	T	T		-	
BOTTINEAU				1.0	.4	.7	8.1	2.4	10.0	6.1	.8		29.5	
BOWBELLS				.2	1.2	3.5	5.5	4.0	-	4.5			-	
BOWBELLS 5 E				-	-	-	-	-	-	-	-	-	-	
BOWMAN COURT HOUSE			T		-	T	-	-	-	-			-	
BOWMAN 11 SE					-	T	4.4	8.5	12.0	-	T		-	
BOWMAN 30 NNW	T				-	T	4.0	2.0	-	-	T		-	
BURT 16 N					.8	T	2.5	3.5	14.0	.7			21.5	
BUTTE	T	T		T	.2	3.2	9.0	4.0	12.5	8.0	1.0		37.9	
CARRINGTON					.5	-	4.6	4.7	2.5	10.0	T		-	
CARSON NO 2	T	T			-	1.0	2.9	1.4	11.0	7.1	3.0		-	
CAVALIER				T	T	-	6.6	1.6	-	8.0	.5		-	
CENTER	T				-	.1	7.5	2.9	-	10.0	2.0		-	
COLGATE					T	3.5	-	1.8	.5				-	
COLUMBUS				.3	T	3.5	5.2	3.2	4.0	2.0	2.0	T	20.2	
COOPERSTOWN	T			T	2.0	4.0	-	.5	-	T	T		-	
COURTENAY	-	-			T	3.0	1.5	T	2.0	2.0	T		-	
CROSBY	T				T	1.0	6.7	2.0	5.1	T	1.0		15.8	
DEVILS LAKE W B CITY				.5	1.1	1.6	4.4	3.8	6.3	4.9	T		22.6	34.2
DICKINSON CAA		T		T	1.1	.1	2.5	2.4	9.8	11.2	4.2		31.3	
DICKINSON EXP STA				T	.7	.1	.6	2.1	7.0	5.1	-		-	
DONNYBROOK	T	-		-	.3	3.2	10.5	1.7	12.5	6.0	T		-	
DRAKE						-	-	3.0	7.8	11.0	-		-	
DUNN CENTER		-		T	1.4	T	6.3	2.3	8.8	-	7.0		-	
ECKMAN				1.0	T	2.0	6.5	2.0	10.5	10.0	1.0	T	33.0	
EDGELEY EXP FARM				T	6.0	-	-	-	-		-		-	
EDMORE 1 W				T	-	1.0	-	.4	-	6.6		T	-	
ELBOWOODS				T	T	T	5.2	1.3	1.7	T	1.0		9.2	
ELGIN 5 S		T		T	T	T	2.0	3.0	13.0	-	T		-	
ELLENDALE				T	2.0	2.2	11.5	13.3	3.5	T	.5		33.0	
ENDERLIN				.3	T	5.9	-	-	1.0	-			-	
EPPING				-		T	-		-	-		T	-	
FAIRFIELD		T	T	.1	1.3	T	2.0	1.0	-	-	-		-	
FARGO WB AIRPORT				T	.8	6.3	3.3	6.4	4.6	.9	T		22.3	39.2
FESSENDEN				-	-	-	2.5	2.0	-	6.5	4.0		-	
FLASHER					.1	T	5.5	3.0	-	10.0	-		-	
FLAXTON		T		.5	T	3.5	6.5	4.6	8.2	6.7	2.0	-	-	
FORBES 13 NW				T	11.5	2.0	8.4	17.0	12.0	4.5	3.0		58.4	
FORMAN					6.0	-	-	-	2.0	1.0			-	
FORT YATES	T				T	-	-	5.3	10.8	2.7	T		-	
FOXHOLM 7 N				T	T	1.9	-	-	2.0	-			-	
FULLERTON				T	8.5	3.6	7.3	10.7	4.7	T	T		34.8	
GACKLE				T	1.5	2.5	3.3	8.0	-	T			-	
GARRISON	T			T	T	-	4.4	2.4	9.6	4.8	1.9	T	-	
GLEN ULLIN 13 N					.5	T	5.0	3.5	11.0	8.7	5.5	T	34.2	
GOLDEN VALLEY 10S					-	.6	6.7	.8	8.7		-		-	
GRAFTON STATE SCHOOL				T	1.5	3.8	3.4	1.1	3.5	2.2	-		-	
GRAND FORKS CAA	T			T	1.0	2.7	10.2	3.6	3.5	4.7	.7		26.4	
GRAND FORKS UNIV				T	1.5	4.9	6.5	4.7	-	1.7	T		-	
GRAND RAPIDS 1 N		T		T	4.0	3.0	2.0	7.0	1.5	T			17.5	
GRANVILLE				T	T	2.0	4.5	1.0	13.5	10.0	1.0		32.0	
GRASSY BUTTE 10N						.5	3.4	1.1	20.1	-	-		-	
GRENORA				-	.3	.7	6.1	.5	2.9	1.2	T		-	
HALLIDAY					T	.9	8.6	2.0	7.3	3.7	T		27.0	
HANKINSON R R STA					T	-	-	10.5	3.5				-	
HANNAH				T	.7	1.3	6.4	1.3	2.5	-	2.0		-	
HANSBORO				.2	.3	1.0	5.8	.4	6.0	8.5	1.1		23.3	
HARVEY 3 NE				1.0	T	2.5	2.5	3.0	9.0	13.5	-		-	
HETTINGER		T			T		-	-	13.5	3.5	-		-	
HILLSBORO	T			T	T	4.4	4.0	3.8	2.5	T	.3	-	-	
JAMESTOWN CAA				T	4.2	4.7	3.5	6.9	3.8	5.3	4.5	T	32.9	
JAMESTOWN STATE HOSP				T	-	4.0	3.5	4.5	-	T	T		-	
KEENE 2 S				1.0	4.8	1.4	15.6	1.2	6.6	9.7	5.0		45.3	
KENMARE				1.1		-	-	-	-	-			-	
KENSAL WILDLIFE REF					T	3.5	2.2	3.0	-	3.0		T	-	
KILLDEER 8 NW					T	T	6.0	T	18.5	12.0	8.0		44.5	
KULM					11.0	2.0	-	2.0	-				-	
LANGDON EXP FARM				T	1.0	.9	7.9	2.0	2.2	19.4	.5		33.9	
LANSFORD				.2	1.0	4.0	8.0	4.0	10.5	12.0		T	39.7	
LARIMORE					.9	-	3.3	1.2	3.0	T			-	
LEEDS					.4	-	-	1.7	-	-	-	T	-	
LEFOR 10 E		T		T	1.1	T	2.0	1.6	8.6	-	-		-	
LINTON					T	3.5	8.3	5.0	14.5	T	T	T	31.3	
LISBON				T	-	-	-	9.0	2.5	T	T		-	
LITCHVILLE	T			-	3.5	3.0	3.7	5.1	2.4	.1	T		-	
LOSTWOOD 12 N			T	1.8	.7	3.0	6.8	1.2	2.5	9.5	2.5	T	28.0	
MADDOCK AGR SCHOOL				-	T	-	3.4	-	-	-			-	
MANDAN EXP STATION				T	.3	1.4	7.4	3.9	17.1	2.5			32.7	

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1952-53

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
MANDAN FT LINCOLN PARK			T		.2	1.1	6.8	6.0	14.2	6.0	T		34.3	
MARMARTH				T	.4	1.1	5.5	7.3	20.7	7.6	4.0	T	46.6	
MARTIN				.5	T	-	1.2	3.0	-	-	-		-	
MAX	T			T	.6	-	5.0	3.6	-	3.7	1.0		-	
MAYVILLE		T		T	.4	3.7	5.7	2.4	2.0	.2	T		14.4	
MC CLUSKY				T	T	-	4.5	2.5	9.5	15.0			-	
MC HENRY 5 N				.4	T	2.7	3.4	1.8	1.1	4.1	T	T	13.5	
MC LEOD 3 E				.2	6.4	-	-	2.0	-	T		T	-	
MC VILLE					.3	2.0	2.6	1.4	.8	T			7.1	
MEDINA 1 W				T		2.2	3.0	2.5	-	T	T		-	
MEDORA 4 NNE	-		T	T	2.5	.2	3.3	4.5	13.1	.5	3.0	T	-	
MEDORA 23 NNW	T				T	.5	3.7	2.0	7.5				13.7	
MINOT CAA		T		.1	.7	2.4	8.2	2.3	11.3	16.4	3.0	T	44.4	
MINOT EXP FARM				T	T	3.7	7.8	1.7	10.2	11.0	2.0		36.4	
MOFFIT 4 SE				.1	T	.2	3.7	1.0	6.1	1.9	T		13.0	
MOHALL	T			.3	.1	1.5	9.1	2.7	-	5.5	4.0	T	-	
MONTPELIER	T			.4	4.2	2.8	2.8	4.5	1.7	1.3	.8	T	18.5	
MOTT				T	.5	T	3.3	4.0	9.5	8.5	6.0		31.8	
MUNICH 4 SW				T	T	-	9.5	.5	-	-			-	
NAPOLEON 1 SE					T	2.5	5.9	3.1	5.6	T	3.0		20.1	
NEW ENGLAND	T				1.0	.5	2.0	6.0	-	-	-		-	
NEW ROCKFORD 7 WNW				.5	T	2.0	2.0	2.0	2.5	6.0	3.0	T	18.0	
NEW SALEM 1 S				T	.5	.3	5.9	3.5	13.7	8.5	2.0	T	34.4	
NEWTOWN	-	-		T	T	1.5	7.0	2.0	6.1	2.0	T	T	-	
NOONAN					T	2.5	7.2	.5	8.4	-	.2		-	
NORTONVILLE				T	3.0	1.0	2.5	-	1.0	T	T		-	
OAKES		-		-	-	7.3	5.2	9.5	-	T	T		-	
PARK RIVER				T	T	-	2.0	.5	-				-	
PARSHALL				T	T	1.1	4.8	1.6	4.0	5.8	1.0	T	18.3	
PEMBINA 2 N					T	.5	-	-	-				-	
PETERSBURG					.5	2.9	4.2	3.6	4.4	7.0			22.6	
PETTIBONE	T			1.0	T	3.8	2.9	2.1	6.5	12.3	2.0	T	30.6	
PINGREE	T			T	T	4.5	1.5	5.0	-	4.0	2.0	T	-	
PORTAL		T		1.0	T	4.5	3.0	1.7	8.5	3.0	2.0	-	-	
POWERS LAKE 1 N				T	T	1.0	6.5	T	2.5	3.5	T	-	-	
PRETTY ROCK	T	2.0		-	1.0	T	-	6.5	16.0	9.0	6.0	T	-	
REEDER					-		4.0	5.0	11.0	-		T	-	
REEDER 14 N					T	T	2.3	-	-	-	2.0		-	
RICHARDTON ABBEY	T			T	1.0	.6	4.7	1.9	9.4	19.5	8.4	T	45.5	
RIVERDALE				T	T	1.8	7.1	1.9	11.2	-	-		-	
ROLLA				.4	1.0	.9	7.2	2.4	-	12.3	1.7		-	
RUGBY		T		.5	-	3.9	-	-	-	-	5.0	T	-	
RYDER		T		-	T	-	-	-	-	-	3.8		-	
SAN HAVEN	T			.4	.7	.5	4.9	2.0	-	10.6	1.0		-	
SANISH				-	-	-	-	-	-	-	-	-	-	
SCRANTON				T	T		-	-	-				-	
SELFRIDGE 11 W		T		T	1.0	1.4	9.0	6.0	26.0	9.0	T		52.4	
SENTINEL BUTTE 20 S					2.5	.5	2.0	4.0	11.5	T	2.5		23.0	
SHARON	T			T	2.5	3.2	3.0	2.5	3.0	.6		T	14.8	
SHERWOOD 3 N			-	.8	1.4	3.2	5.3	2.5	7.9	1.4	0.9	T	-	
SHIELDS		T				T	3.4	2.5	9.5	T			15.4	
STANLEY				1.0	-	1.5	7.5	2.5	-	-			-	
STEELE				.5	T	.7	7.6	4.0	12.0	5.0	4.0		33.8	
SYKESTON				T	T	2.5	2.6	2.0	3.4	4.0	3.0		17.5	
TAGUS	T	T		T	1.3	1.0	5.1	.6	5.7	20.6	T	-	-	
TIOGA		T	T	1.0	1.0	2.0	8.5	4.0	7.0	4.0	T		27.5	
TOLLEY 5 NNE			T	-	.5	2.0	9.0	4.0	8.7	-	-	T	-	
TOWNER	T			1.0		3.0	13.0	3.0	12.0	16.0	4.0		52.0	
TROTTERS 6 WNW	T			T	.6	.1	-	3.0	10.1	-	-	T	-	
TURTLE LAKE		T		T	T	2.5	-	-	-	-			-	
TUTTLE	T			.7	T	2.2	2.8	2.1	8.0	10.2	T		26.0	
UNDERWOOD	T	T	T	T	2.3	-	6.7	2.9	-	-	3.3		-	
UPHAM 3 N				1.0	1.0	1.0	9.0	1.2	10.0	11.5	2.0		36.7	
UPHAM 3 W	-	-	-	-	-	-	-	-	-	-	.9		-	
VALLEY CITY	T			T	2.0	5.0	2.1	5.2	1.8	T	-		-	
VAN HOOK		T	-	-	-	-	-	-	-	-	-	-	-	
VELVA		T		.5	T	4.0	7.5	2.0	13.0	10.0	1.0	T	38.0	
VERONA				T	1.5	3.0	2.0	5.5	3.0	.5	T		15.5	
WAHPETON STATE SCHOOL	T			T	T	8.3	12.1	11.7	-	T	T	T	-	
WALHALLA					T	T	-	-	-	-	-		-	
WARWICK		-	-		T	-	3.0	-	-	T			-	
WASHBURN		T		T	T	1.7	-	3.0	-	-			-	
WATAUGA 8 N S OAK				T	T	T	-	-	-	7.0	1.2		-	
WATFORD CITY	-					.5	9.3	1.9	14.9	-	-		-	
WATFORD CITY 14 S	-	-	-	-	.5	T	3.0	T	7.0	T	T		-	
WESTHOPE				1.0	T	2.0	-	2.5	-	3.0	2.0		-	
WILDROSE		T			T	-	-	2.0	3.0	2.0		T	-	
WILLISTON WB CITY		T		.3	1.6	2.7	12.6	2.5	12.7	1.4	3.0	T	36.8	33.3
WILLOW CITY				.5	T	1.5	9.5	-	-	7.0	3.2		-	
WILTON RR STATION					T	1.5	5.5	2.0	12.9	7.6	1.0		30.5	
WISHEK					T	-	-	-	-				-	
WOODWORTH 5 E	-			T	T	1.4	2.1	3.0	1.0	6.9	1.0		-	
ZAHL				1.0	T	3.0	-	2.3	4.2	-	-	T	-	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1953

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	78	86	75	59	51	55	53	68	76	69	85	92	90	83	71	80	83	78	71	66	71	73	76	68	70	76	73	75	83	76		73.7
	MIN	54	60	52	46	40	37	45	49	49	58	57	65	69	60	57	57	59	58	56	51	48	45	51	53	43	45	50	51	61	63		53.0
AMENIA	MAX	72	85	82	72	55	59	57	63	69	80	89	90	90	80	72	70	78	82	82	73	74	70	68	84	73	79	75	82	89	85		76.0
	MIN	48	52	60	54	42	33	38	50	46	51	64	63	67	63	59	56	62	64	63	52	46	49	51	58	50	49	58	51	62	64		54.2
AMIDON	MAX	70	81	80	59	51	50	51	56	70	73	75	85	91	90	78	70	87	86	75	55	65	68	72	78	64	69	74	71	78	79		71.7
	MIN	55	58	48	46	41	41	45	47	51	55	56	65	64	60	55	53	59	58	50	50	43	45	44	52	46	43	52	51	59	62		51.8
ARVILLA STATE PARK	MAX	71	83	83	80	55	64	64	63	76	82	90	93	90	87	77	82	81	80	78	66	67	70	71	77	69	79	78	78	83	79		76.5
	MIN	45	48	60	47	39	28	31	48	38	45	59	52	62	62	58	52	58	59	50	51	46	45	48	57	56	51	50	43	59	55		50.1
ASHLEY	MAX	74	81	75	67	50	58	55	64	72	74	86	90	92	81	75	78	85	86	70	63	71	72	71	75	72	77	68	76	90	78		74.2
	MIN	50	59	57	49	41	33	41	48	48	53	62	65	66	61	52	51	58	57	56	51	49	44	53	58	48	48	59	47	63	64		53.0
BEACH	MAX	70	82	84	55	49	52	52	53	70	75	75	86	89	91	79	74	80	85	81	55	66	69	74	80	64	69	76	73	80	78		72.2
	MIN	53	56	51	47	39	38	43	47	50	55	53	59	67	60	59	48	58	56	52	50	45	43	50	53	46	41	47	51	56	60		51.1
BELCOURT INDIAN RES	MAX	67	74	74	60	55	62	62	58	72	75	87	87	83	82	77	79	77	73	70	62	64	68	70	71	70	73	71	75	75	75		71.6
	MIN	49	55	57	40	36	28	40	46	37	50	56	53	65	62	54	50	55	55	50	46	43	38	50	56	45	45	59	43	56	50		49.0
BELFIELD	MAX	78	82	64	56	56	54	53	69	73	73	76	83	91	82	81	79	85	82	73	65	68	73	78	74	68	77	77	78	80	76		73.5
	MIN	48	54	48	44	40	39	45	48	51	55	56	61	71	62	61	48	57	57	54	55	45	41	46	51	48	42	46	51	49	51		50.8
BISBEE	MAX	70	73	77	67	56	63	63	70	74	74	88	91	87	85	76	82	78	76	70	63	65	68	73	73	67	70	71	77	75	75		73.2
	MIN	51	55	59	44	39	34	37	40	44	52	59	59	64	61	60	51	56	55	54	49	46	42	52	54	47	47	51	47	58	51		50.6
BISMARCK WB CITY	MAX	72	77	84	71	59	56	62	60	64	75	70	87	94	91	79	64	81	85	81	69	65	72	69	74	69	71	78	74	76	85		73.8
	MIN	61	62	58	55	43	36	40	39	50	57	59	68	72	62	63	53	60	63	62	52	51	48	57	59	52	49	57	56	53	64		55.4
BISMARCK WB AIRPORT	MAX	79	87	73	58	54	60	56	62	77	71	89	94	94	80	67	82	84	82	71	63	70	72	73	70	71	78	70	79	86	82		74.5
	MIN	50	60	58	45	41	37	45	49	48	57	58	66	70	62	55	49	63	62	58	51	50	47	56	53	51	48	57	50	65	65		54.2
BOTTINEAU	MAX	67	71	74	72	51	58	65	64	58	73	74	86	89	85	80	70	80	78	71	66	53	63	69	71	69	69	74	71	76	78		70.8
	MIN	51	54	51	51	39	35	40	48	43	55	55	60	67	58	55	46	58	52	51	46	45	39	49	56	46	43	48	46	56	51		49.8
BOWBELLS	MAX		76	75	71	48	57	62	63	60	73	73	89	90	87	78	75	79	80	77	60		64	71	73	65	66	71	70	78	75		71.6
	MIN		56	55	45	38	39	45	48	45	57	61	62	64	59	57	53	58	53	49	49	46	42	55	57	46	47	48	49	60	58		51.8
BOWMAN COURT HOUSE	MAX	81	81	76	55	56	52	61	73	73	76	85	91	91	86	75	78	83	83	84	65	72	74	81	78	69	78	72	78	81	80		75.6
	MIN	51	58	48	46	38	39	44	51	53	58	60	64	65	58	53	50	55	58	51	50	43	46	52	51	45	44	53	48	60	62		51.8
BUTTE	MAX	68	75	83	70	58	56		60	57	75	76	88	91	90	80	68	80	81	78	65	59	68	70	71	70	69	74	74	77	77		72.7
	MIN	47	57	55	55	39	36		45	45	50	58	60	65	70	62	49	55	57	55	50	48	45	53	56	48	47	50	48	62	58		52.6
CARRINGTON	MAX	67	71	84	77	67	55	61	51	59	73	76	89	92	93	84	67	79	82	78	69	58	67	68	68	73	70	76	77	78	82		73.0
	MIN	48	47	56	53	38	34	36	46	47	48	55	57	69	54	54	47	52	62	52	48	46	43	50	51	46	47	46	43		51		49.2
CARSON NO 2	MAX	75	78	85	69	55	48	50	51	66	73	70	83	90	90	80	68	78	82	79	64	69	73	65	71	66	69	75	76	75	82		71.8
	MIN	51	59	53	50	40	39	43	44	44	53	56	61	68	61	60	54	60	62	51	45	49	54	55	56	48	48	53	51	51	63		52.7
CAVALIER	MAX	68	75	78	72	55	66	67	68	76	80	92	92	87	89	85	81	77	79	77	67	67	67	72	77	67	77	79	80	78	78		75.8
	MIN	44	53	59	46	39	34	36	49	50	51	64	58	60	65	61	50	58	57	52	50	47	44	46	57	50	50	50	47	59	55		51.4
CENTER	MAX	76	84	75	58	57	56	55	60	76	71	87	90	97	83	75	82	82	79	74	74	68	71	75	76	71	75	72	76	81	77		74.4
	MIN	46	55	54	47	40	33	42	47	45	55	52	62	68	62	59	47	58	57	57	52	48	42	52	49	49	45	53	46	60	62		51.5
COOPERSTOWN	MAX	70	82	80	76		62	59	62	73	79	90	91	88	87	83	79	79	79	76	63	68	69	75	74	70	77	75	78	85	77		76.1
	MIN	45	55	58	47	40	31	38	47	40	52	63	58	65	63	56	52	55	61	54	50	48	44	50	57	47	47	56	47	61	57		51.5
CROSBY	MAX	77	76	70	60	54	60	60	53	75	77	85	89	88	78	74	79	81	77	71	58	64	73	74	71	67	74	69	80	78	75		72.2
	MIN	51	56	56	44	38	37	48	47	45	56	59	66	64	54	54	53	57	52	49	49	45	44	54	47	46	47	48	50	56	58		51.0
DEVILS LAKE W B CITY	MAX	71	79	80	65	56	62	61	62	75	80	88	92	87	84	69	81	80	77	68	58	64	67	72	73	67	76	72	78	77	77		73.3
	MIN	46	56	60	42	40	36	39	47	44	54	62	64	65	66	57	53	60	59	56	49	48	44	52	53	50	49	51	46	61	54		52.1
DICKINSON CAA AP	MAX	79	83	58	53	50	53	52	68	75	74	84	89	90	80	70	78	84	76	61	65	67	72	77	62	68	75	71	77	80	74		71.5
	MIN	50	56	50	43	39	38	46	49	51	58	55	64	66	61	54	51	59	57	50	50	46	46	53	47	46	44	50	50	60	62		51.7
DICKINSON EXP STATION	MAX	71	80	84	60	56	51	54	52	69	75	72	84	88	90	80	76	79	84	76	57	66	68	73	73	64	68	75	72	77	81		71.8
	MIN	52	56	52	51	40	37	40	46	49	57	57	62	67	63	56	56	59	54	50	50	45	42	53	49	48	45	50	48	60	63		51.9
DRAKE	MAX	69	75	84	72	59	56	67	64	58	76	78	88	91	89	80	67	80	80	77	65	60	67	70	73	71	69	76	73	77	78		73.0
	MIN	47	53	53	55	39	39	43	48	45	54	59	64	68	65	64	52	60	58	56	50	48	44		56	49	48	51	48	60	57		52.9
DUNN CENTER	MAX	72	79	83	60	52	52	55	52	64	75	72	84	88	87	81	73	82	85	79	57	64	68	73	75	63	67	75	72	78	81		71.6
	MIN	47	52	53	50	40	32	41	44	44	51	52	59	66	58	58	46	58	53	50	49	43	40	50	52	46	42	45	44	52	59		49.2
ECKMAN	MAX	68	73	78	78	50	55	65	59	58	74	75	88	91	86	79	73	81	80	75	62	58	65	70	74	73	70	76	70	78	76		71.9
	MIN	54	54	58	50	38	37	46	45	43	50	55	60	62	57	52	53	59	51	50	49	48	40	52	58	49	47	48	45	58	58		50.9
EDGELEY EXP FARM	MAX	74	72	84	79	69	54	58	58	60	66	75	86	91	89	80	66	79	85	83	64	62	71	69	70	75	71	77	73	77	90		73.6
	MIN	49	54	59	54	43	33	39	48	44	47	59	73	69	68	60	53	54	59	57	54	50	47	53	58	50	46	58	48	61	63		53.7
EDMORE 1 W	MAX	69	75	80	68	50	60	60	56	70	78	85	85	83	82	65	75	75	72	65	58	60	62	70	70	60	72	75	73	80	77		70.3
	MIN	42	55	60	44	38	28	33	45	43	52	50	52	60	56	53	45	51	46	48	45	45	38	45	48	45	45	50		58	53		47.3
ELBOWOODS	MAX	79	84	80	58	53	62	55	62	67	77	88	90	90	88	73	83	85	80	77	63	68	70	74	72	68	77	72	80	80	78		74.4
	MIN	47	61	55	46	40	39	46	50	42	44	53	63	67	62	60	49	61	56	52	52	46	40	52	50	48	40	47	47	60	61		51.2
ELLENDALE	MAX	74	84	79	69	57	61	58	62	68	77	86	93	93	87	70	79	84	88	80	66	73	72	71	78	74	80	75	78	89	86		76.4
	MIN	50	57	60	55	44	37	38	50	51	52	62	67	69	63	59	55	59	64	59	52	51	50	55	60	52	50	61	52	65	66		55.5
ENDERLIN	MAX	71	73	86	81	72	56	60	51	60	69	81	90	92	91	83	68	80	84	83	67	64	72	69	68	79	73	76	72	82	89		74.8
	MIN	50	52	52	54	43	31	38	50	44	48	52	60	67	63	64	56	55	60	57	57	50	49	52	55	49	48	50	49	62	64		52.7
EPPING	MAX	78	80	75	57	51	58	58	56	76	79	87	93	91	80	84	82	83	79	69	51	66	75	73	76	67	78	71	72	82	75		73.7
	MIN	52	58	45	45	39	41	48	48	38	57	57	64	68	57	57	52	59	54	51	50	45	43	54	47	45	45	47	43	51	59		50.6
FARGO WB AIRPORT	MAX	72	83	84	74	52	58	59	62	68	80	91	90	90	82	69	79	81	85	68	71	71	68	68	80	73	80	72	80	90	82		75.4
	MIN	49	55	61	46	38	33	40	48	43	52	68	61	67	62	58	57	61	61	59	54	52	50	52	55	52	51	60	53	65	66		54.3
FESSENDEN	MAX	72	83	79	70	58	62	61	59	76	76	90	93	91	85	76	80	82	78	69	65	68	70	70	72	70	76	75	78	81	78		74.8
	MIN	51	51	57	46	41	34	39	47	40	50	57	58	66	62	58	48	56	58	56	49	48	43	52	54	48	46	51	46	60	57		51.0
FORMAN	MAX	74	82	81	76	56	60	59	62	67	79	88	94	93	86	78	78	85	89	80	66	73	72	71	81	79	82	80	81	91	89		77.7
	MIN	49	53	60	54	43	34	41	52	47	50	66	64	70	70	63	56	57	62	59	55	53	49	53	60	52	50	51	48	63	69		55.1
FORT YATES	MAX	77	84	80	72	55	59	57	69	75	70	84	93	91	89	70	81	86	86	80	67	73	72	75	74	73	78	73	77	88	85		76.4
	MIN	53	62	56	53	43	36	44	50	51	57	60	66	67	63	51	51	61	63	59	52	49	45	56		52	48	57	48	67	66		54.7
FOXHOLM 7 N	MAX	75	82	82	59	58	63	65	55	76	75	88	91	90	83	75	81	81	81	76	61	65	71	76	74	68	76	75	78	79	75		74.5
	MIN	45	59	54	46	39	36	47	48	40	54	57	59	65	62	57	47	56	54	53	49	49	45	53	55	50	50	48	46	58	57		51.3
FULLERTON	MAX	74	87	80	68	55	62	65	61	67	76	88	94	91	86	77	79	84	87	75	63	72	72	70	78	72	79	78	80	91	84		76.5
	MIN	49	57	61	55	44	35	48	51	49	50	63	66	70	64	63	55	57	62	59	51	51	50	54	60	50	51	61	51	65	65		55.6

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	74	83	76	74	53	61	60	60	70	76	88	94	91	87	68	79	84	82	78	68	70	70	71	74	70	78	71			84		74.8
	MIN	50	56	58	48	40	34	40	40	46	54	61	65	68	61	54	52	56	61	52	49	49	41	52	52	49	41	52		56			51.3
GARRISON	MAX	71	77	83	64	53	56	60	55	55	74	74	88	94	92	82	70	82	82	79	61	61	69	70	72	65	68	75	72	78	81		72.1
	MIN	50	57	55	52	38	37	46	48	43	51	55	64	63	62	63	49	60	56	53	51	46	46	53	54	47	46	50	50	55	60		52.0
GRAFTON STATE SCHOOL	MAX	68	80	81	76	55	64	66	65	74	82	93	93	93	88	83	83	80	78	77	69	68	67	73	76	69	80	77	79	80	80		76.6
	MIN	40	55	57	45	36	31	35	45	43	49	58	53	59	61	58	48	55	54	52	48	43	41	45	54	47	46	50	43	57	51		48.6
GRANO FORKS CAA AP	MAX	73	83	84	76	52	63	63	64	75	84	91	95	90	86	70	82	81	80	70	63	68	68	73	77	70	79	78	81	83	80		76.1
	MIN	43	54	60	45	38	30	39	49	44	50	62	57	66	66	60	53	60	60	54	48	48	46	51	52	51	50	57	48	63	58		52.1
GRAND FORKS UNIVERSITY	MAX	71	82	82	78	52	60	63	63	73	83	91	92	91	86	77	79	80	79	77	67	67	66	76	76	69	78	76	78	84	80		75.9
	MIN	45	53	61	50	42	32	39	50	45	52	63	58	65	65	58	52	59	61	55	54	50	47	52	59	51	50	59	50	64	60		53.4
GRANO RAPIOS 1N	MAX	75	88	81	75	59	61	62	62	71	79	87	95	92	84	76	81	84	84	78	64	72	71	73	77	73	79	76	79	92	76		76.9
	MIN	46	54	59	50	48	31	40	47	48	54	61	62	62	64	57	53	56	58	56	51	49	47	52	54	49	48	60	48	61	64		53.0
GRANVILLE	MAX	75	83	76	60	59	63	63	58	75	77				89	78	81	80	80	66	64	65	70	73	73	68	75	74	78	77	77		72.5
	MIN	61	58	56	45	39	40	45	49	39	57				59	59	52	52	57	55	50	50	45	54	54	50	50	52	50	60	59		51.7
GRENORA	MAX	73	80	75	56	57	62	57	61	64	79	85	90	87	79	78	79	82	78	75	60	65	74	74	68	66	75	71	72	80	75		72.6
	MIN	56	57	55	43	40	42	40	48	48	50	59	67	64	54	54	54	52	53	53	53	44	42	53	52	45	48	47	49	52	57		51.0
HANKINSON R R STATION	MAX	72	75	85	84	73	54	58	57	61	65	77	86	94	90	84	71	79	84	89	73	76	77	71	67	84	75	80	79	82	94		76.5
	MIN	53	54	58	59	44	36	40	47	48	48	58	65	68	64	64	58	56	65	63	58	56	52	53	54	53	54	60	55	56	67		55.5
HANNAH	MAX	70	74	77	62	60	64	65	60	73	77	86	89	84	84	81	79	80	75	72	63	63	66	70	73	64	75		77	74	75		72.8
	MIN	48	54	57	43	38	32	37	41	48	53	51	53	58	60	54	46	56	53	50	47	43	38	50	54	47	43		41	58	47		48.3
HANS8ORO	MAX	68	74	78	63	55	64	63	60	74	75	85	89	82	84	80	76	71		67	63	63	67	73	73	63	75	70	75	74	75		71.7
	MIN	50	55	56	43	39	35	39	47	44	53	59	57	61	56	53	57	54		52	48	44	41	51	53	46	46	50	46	57	48		49.7
HETTINGER	MAX	80	84	68	58	52	50	60	72	72	79	83	90	90	77	73	77	84	81	72	65	68	72	78	72	69	78	70	78	84	75		73.7
	MIN	46	58	47	46	41	40	44	50	54	59	59	67	67	58	56	50	61	63	52	51	45	45	52	50	45	45	53	50	64	64		52.7
HILLS8ORO	MAX	72	82	82	79	52	61	59	63	79	82	90	91	90	87	80	76	82	85	68	63	62	68	69	79	71	79	74	80	87	85		75.9
	MIN	43	51	59	49	41	31	36	48	42	49	57	65	71	63	60	54	58	62	57	56	51	50	51	58	50	48	58	57	59	60		53.1
JAMESTOWN CAA AP	MAX	73	85	78	69	55	59	54	61	71	77	89	92	90	81	68	79	82	80	67	59	69	68	66	74	70	79	70	76	88	77		73.5
	MIN	50	55	59	44	40	35	40	48	42	50	62	61	68	64	56	53	57	59	55	50	49	46	52	51	51	50	57	49	61	63		52.6
JAMESTOWN STATE HOSP	MAX	72	85	80	76	55	59	60	60	70	77	90	95	94	84	75	81	85	84	75	61	69	68	71	75	71	80	74	80	88	80		75.8
	MIN	50	56	60	47	41	35	40	48	42	52	63	61	69	63	55	53	58	61	58	50	49	49	52	59	50	50	57	50	62	63		53.4
KENMARE	MAX	69	75	80	70	49	58	62	63	55	74	76	88	92	87	81	74	80	80	80	61	57	65	73	75	68	67	78	72	79	78		72.2
	MIN	49	55	55	45	37	39	45	47	45	53	59	60	62	59	55	54	58	54	48	48	45	42	52	55	46	42	46	48	58	58		50.6
KENSAL WILOLIFE REFUGE	MAX	75	84	79	69	56	62	56	63	75	76	92	91	93	83	74	80	81	80	78	65	70	69	68	77	71	79	74	78	86	89		75.8
	MIN	48	56	59	52	40	30	38	47	38	43	57	56	65	62	56	49	55	57	50	48	45	43	52	58	48	47	48	48	61	59		50.5
LANGOON EXP FARM	MAX	69	75	74	65	58	63	60	63	73	80	89	90	86	86	84	80	78	77	77	65	64	65	69	74	67	76	74	77	78	76		73.7
	MIN	47	52	57	43	36	31	37	45	45	50	57	58	59	59	55	47	48	51	49	47	42	37	49	55	45	48	48	47	52	48		48.1
LARIMORE	MAX	69	82	81	74	53	60	62	63	75	82	90	90	87	85	76	80	79	78	76	65	66	66	72	75	70	76	72	78	83	79		74.8
	MIN	49	56	61	46	40	31	37	41	42	44	63	57	65	54	58	54	59	62	55	52	49	46	54	57	49	50	55	48	61	56		51.7
LEEOS	MAX	72	80	80	67	57	65	64				89	87		81	71	80	80	79	76	64	62	68	73	71	73	76	75	78	78	77		74.0
	MIN	51	56	59	45	39	35	40	40		58	65	63	59	60	59	59	57	57	53	50	47	42	52	50	48	48	51	48	60	52		51.8
LINTON	MAX	78	82	77	65	53	60	57	66	75	73	87	93	94	80	71	80	86	73	65	73	73	72	77	75	74	80	69	78	89	81		75.2
	MIN	51	61	57	49	44	34	44	50	49	56	62	68	69	62	55	49	61	62	52	48	48	44	55	56	51	46	57	49	65	65		54.0
LIS8ON	MAX																																
	MIN	46	53	59	54	43	30	36	50	43	48	63	59	66	64	63	55	55	59	56	50	52	46	51	60	48	46	59	49	59	63		52.8
LOSTWOOO 12N	MAX															73	76	79	76			71	70	73	66	65	73	69	76	75	73		
	MIN															52	50	57	50			40	41	53	48	45	44	43	46	57	56		
MAOOOCK AGR SCHOOL	MAX	72	81	79	69	60	68	61	60	75	79	89	92	87	84	75	82	83	82	75	63	66	69	71	72	69	78	76	79	80	77		75.1
	MIN	51	57	58	45	40	34	38	48	40	52	59	59	66	62	59	49	57	55	54	49	49	43	52	54	52	48	51	46	59	56		51.4
MANOAN EXP STATION	MAX	72	77	85	71	59	52	58	55	63	75	71	86	92	90	80	67	81	84	79	68	65	71	70	72	70	70	76	70	77	83		73.0
	MIN	48	60	55	54	40	35	44	46	46	53	57	65	70	59	63	50	60	60	59	51	49	47	55	57	50	46	54	50	59	63		53.5
MANOAN FT LINCOLN PARK	MAX	77	85	80	63	54	59	56	66	77	75	88	96	93	86	78	84	87	86	79	66	72	73	76	71	73	78	74	79	86	82		76.6
	MIN	46	61	55	54	41	36	43	48	47	57	57	65	68	59	55	49	60	60	56	50	48	45	48	55	50	46	52	50	63	63		52.9
MARMARTH	MAX	83	83	67	55	58	59	58	73		78	85	90	91	83	73	78	85	80	73	66	70	77	81	73	77	75	74	78	82	78		75.3
	MIN	55	62	50	50	47	44	45	52		60	57	67	65	57	58	50	60	57	53	43	43	47	55	50	47	42	53	48	60	65		53.2
MAX	MAX	72	76	84	70	62	60	54	60	58	70	75	86	93	93	82	73	83	82	80	68	68	70	71	78	68	68	74	75	78	78		73.6
	MIN	48	55	55	50	38	38	40	40	42	51	51	58	61	64	62	48	56	58	55	51	48	44	51	48	48	45	48	51	58	60		50.7
MAYVILLE	MAX	74	81	80	76	60	62	61	66	73	82	90	91	90	88	80	79	78	80	79	62	68	69	67	76	67	78	72	79	85	81		75.8
	MIN	52	55	61	55	43	31	40	49	42	46	63	58	66	65	62	55	58	62	56	57	50	47	51	59	50	51	57	49	62	60		53.7
MC CLUSKY	MAX	74	83	78	61	55	61	59	56	76	84	90	92	92	80	76	80	81	81	75	64	68	70	72	68	68	77	71	77	80	79		74.3
	MIN	50	60	52	40	40	34	44	46	43	50	56	64	68	62	61	56	59	59	57	50	47	44	54	52	48	45	53	59	62	58		52.4
MC HENRY 5 N	MAX	69	80	78	67	56	60	59	60	72	80	88	90	86	81	73	77	79	77	71	62	66	67	68	72	68	75	72	76	80	77		72.9
	MIN	44	54	57	44	39	31	36	46	41	49	60	56	63	62	57	51	56	58	52	48	47	42	51	52	44	45	53	46	61	57		50.1
MC LEOO 3 E	MAX	73	85	83	79	60	59	55	61	67	76	89	92	89	86	76	79	83	89	77	68	72	70	68	81	74	75	73	79	92	87		76.6
	MIN	57	54	60	50	43	33	44	51	45	51	66	67	69	64	63	54	57	64	49	47	45	47	54	58	50		57	52	66	66		54.6
MEOORA 4 NNE	MAX	82	83	76	57	52	55	54	69	77	75	86	90	92	90	77	82	86	84	79	67	70	75	79	78	70	77	74	80	80	79		75.8
	MIN	55	61	46	47	42	45	48	50	54	59	55	65	63	64	58	45	67	54	52	51	47	42	52	51	48	40	50	45	52	64		52.4
MINOT CAA AP	MAX	74	82	68	55	56	61	60	58	74	75	87	90	87	80	71	81	81	75	60	57	64	69	72	69	68	75	71	77	76	74		71.6
	MIN	50	58	55	42	37	41	45	48	47	57	61	68	64	64	57	53	60	56	54	49	49	44	54	51	48	50	50	50	60	57		52.6
MINOT EXP FARM	MAX	75	84	79	58	57	58	61	57	74	75	87	92	90	85	81	82		81	76	63	66	70	74	73	68	75	71	77	78	77		73.9
	MIN	50	57	57	43	37	38	46	47	47	55	58	65	68	68	60	50	60	55	53	47	47	43	53	52	46		50	48	59	57		52.3
MOFFIT 4 SE	MAX	73	81	79	76	51	58	53	58	70	75	82	88	90	85	68	76	80	82	78	62	68	68	67	69	70	80	79	74	84	80		73.5
	MIN	47	59	54	48	40	30	40	46	45	52	58	62	67	60	54	48	56	60	58	50	46	42	52	57	47	42	55	45	62	62		51.5
MOHALL	MAX	78	77	74	59	59	61	62	56	73	76	86	90	86	79	77	79	78	77	72	61	64	69	76	70	67	75	71	78	77	75		72.7
	MIN	56	58	55	45	38	38	47	49	41	54	58	59	61	61	56	53	59	52	49	49	47	42	55	53	48	49	48	49	60	57		51.5
MOTT	MAX	78	84	68	56	49	52	57	71	73	71	82	91	90	79	71	78	85	78	70	65	70	70	77	69	71	76	70	78	79	79		72.9
	MIN	49	57	50	49	40	42	45	50	52	58	55	64	64	61	55	49	59	58	54	52	43	43	51	52	47	42	52	52	62	63		52.3
MUNICH 4 SW	MAX	67	74	71	63	56	62	62	59	72	76	85	88	83	83	76	77	74	74	73	61	62	64	68	71	64	73	72	73	74	72		71.0
	MIN	41	53	58	42	38	31	34	46	41	51	54	55	60	58	56	47	55	50	50	48	43	39	49	51	41	45	48	44	56	48		47.7

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	74	81	76	68	53	59	57	62	71	75	85	90	91	80	69	77	82	80	74	61	70	69	76	74	70	78	70	75	89	78		73.8
	MIN	47	58	57	44	41	33	40	47	45	55	63	63	67	62	54	49	57	62	57	57	48	45	55	55	49	47	56	47	64	63		52.9
NEW ENGLAND	MAX	80	84	69	55	48	51	55	69	74	77	85	92	91	84	78	79	85	82	72	65	68	71	77	74	69	75	71	77	81	76		73.8
	MIN	50	58	49	47	40	42	45	50	52	57	55	64	66	64	56	47	58	57	50	51	46	42	51	51	47	41	52	48	61	63		52.0
NEW SALEM 1 S	MAX	75	83	75	57	50	57	53	64	80	71	85	91	90	78	68	80	82	78	67	63	69	70	71	68	68	75	75	77	82	77		72.6
	MIN	47	56	52	45	38	36	43	47	47	50	56	62	68	60	51	54	52	60	56	50	46	45	50	54	48	45	51	48	60	60		51.2
NEWTOWN	MAX	78	82	78	55	55	58	53	58		73	86	92	89	86	74	82	82	81	76	60	68	71	73	72	68	77	75	79	79	75		73.7
	MIN	49	60	55	47	40	37	47	49		45	55	62	67	60	56	52	58	56	53	52	48	42	54	52	47	45	49	49	61	61		52.0
OAKES	MAX	72	72	85	78	70	53	57		60	65	76	85	91	88	82	70	75	83	85	65	63	70	69	70	79	72	76	72	78	87		74.1
	MIN	47	57	60	49	43	35	43	49	48	51	61	66	70	68	64	56	58	62	60	57	57	50	54	57	50	51	61	51	63	67		55.5
PARK RIVER	MAX	67	80	81	77	55	64	65	65	74	81	90	90	89	87	80	82	81	80	79	67	67	66	72	76	68	77	77	77	79	79		75.7
	MIN	46	53	61	47	40	34	42	48	47	53	65	57	63	66	62	52	52	59	54	51	47	45	50	58	51	51	55	47	59	55		52.7
PARSHALL	MAX	76	81	78	56	55	58	55	56	73	73	86	92	89	83	80	79	82	80	77	60	67	71	75	72	67	75	76	77	77	78		73.5
	MIN	52	58	55	46	39	34	47	48	43	55	52	61	61	60	58	51	58	52	52	50	45	41	55	51	47	45	46	50	59	60		51.0
PEMBINA 2N	MAX	70	72	75	76	59	70	70	71	76	82	90	92	92	91	90	81	81	80	75	75	62	65	76	76	72	79	78	78	79	82		77.2
	MIN	42	55	55	45	40	30	41	38	52	50	60	55	60	65	58	48	59	55	51	48	42	46	45	55	50	48	42		52	57		49.8
PETERSBURG	MAX	67	78	80	75	55	60	59	63	73	78	89	89	89	84	80	79	75	79	76	62	64	68	69	75	66	76	74	76	82	79		74.0
	MIN	46	54	59	48	39	33	36	47	43	51	61	61	64	63	59	49	57	56	52	50	47	41	50	56	47	48	54	48	55	55		51.0
PETTIBONE	MAX	72	83	75	65	55	60	55	59	73	75	89	91	90	80	75	78	81	79	76	62	69	68	67	72	70	77	72	77	85	80		73.7
	MIN	50	52	59	48	40	35	41	47	45	51	59	63	70	69	58	52	57	60	58	50	50	46	52	54	49	47	55	47	62	61		52.9
PORTAL	MAX	72	76	80	75	49	58	70	63	61	75	82	91	89	88	77	76	78	82	81	59	50	65	74	73	64	66	75	79	80	76		72.8
	MIN	48	55	56	44	38	36	48	47	45	56	59	65	61	50	55	54	58	52	48	48	44	42	55	56	45	47	47	50	49	58		50.5
POWERS LAKE 1N	MAX	75	79	73	55	58	58	58	57	74	76	86	91	87	81	73	80	80	83	67	57	62	72	73	76	66	74	70	70	76	81		72.3
	MIN	50	59	55	43	38	38	47	48	44	49	67	61	65	60	55	50	60	50	47	47	40	40	53	47	45	44	47	45	57	55		50.2
RICHARDTON ABBEY	MAX	79	84	81	56	50	52	51	67	76	73	85	92	92	91	75	81	85	83	72	64	68	72	76	71	68	77	71	76	81	75		74.1
	MIN	51	58	51	45	38	40	44	48	50	58	54	65	66	63	55	53	58	55	51	49	46	46	53	51	47	45	50	49	60	61		52.0
RIVERDALE	MAX	70	76	83	66	53	54	58	54	57	73	74	86	89	89	80	69	80	81	77	61	60	68	67	72	66	67	75	71	77	79		71.1
	MIN	51	59	54	52	38	36	45	47	45	54	55	62	67	61	63	51	58	59	54	51	48	45	53	55	48	45	51	51	60	60		52.6
ROLLA	MAX	69	73	76	63	57	63	63	59	73	75	87	90	83	84		80	75	73	65	64	64	66	71	72	64	74	69	76	74	74		71.6
	MIN	49	55	57	40	41	37	40	46	44	52	59	59	63	62		52	55	55	53	47	45	43	51	48	46	46	60	47	56	58		50.6
RUGBY	MAX	73	80	79	67	59	64	62	61	76	80	89	92	92	88	85	80	80	80	76	64	64	70	73	72	68	77	76	78	79	77		75.4
	MIN	53	57	53	46	40	38	42	48	44	56	60	63	67	63	62	56	59	58	57	50	50	43	54	57	50	48	54	48	62	54		53.1
SAN HAVEN	MAX	68	71	71	58	58	63	60	59	73	76	88	89	89	79	77	79	78	76	69	63	64	68	72	70	60	73	72	76	77	75		71.7
	MIN	50	55	58	42	38	34	40	47	43	55	61	64	67	62	60	51	55	55	53	47	44	41	50	51	45	44	52	50	60	52		50.9
SHARON	MAX	68	80	79	71	50	60	58	61	71	78	88	89	88	85	73	77	77	80	74	71	69	69	69	75	69	75	72	76	83	79		73.8
	MIN	44	54	59	47	43	33	40	47	41	53	62	64	67	65	57	53	58	62	58	55				55					62			53.6
STANLEY	MAX	75	79	68	54	51	60	56	54	72	74	85	89	84	78	71	79	74	86	67	56	63	72	72	74	66	75	70	77	77	73		71.0
	MIN	49	56	52	43	43	36	46	47	42	55	69	61	65	61	57	51	59	52	51	48	45	42	51	52	44	45	46	47	57	57		51.0
STEELE	MAX	75	84	76	65	54	61	57	59	75	74	88	93	92	90	73	79	83	82	79	68	70	69	72	73	71	77	75	77	81	83		75.2
	MIN	47	59	56	46	41	34	43	47	46	52	58	64	68	62	54	50	52	60	55	42	42	46	52	54	48	46	51	49	64	62		51.7
TOWNER	MAX	73	82	76	59	62	66	64	69	77	80	90	92	88	84	82	79	82	80	79	63	67	70	74	73	69	77	74	78	81	77		75.6
	MIN	53	50	56	46	39	38	42	43	43	55	57	60	59	60	61	59	61	54	50	45	48	42	52	52	47	47	47	47	64	53		51.0
TURTLE LAKE	MAX	77	84	82	61	56	60	58	60	76	75	90	92	93	88	78	81	82	81	76	68	70	71	74	71	70	76	74	74	81	79		75.3
	MIN	49	58	52	45	37	35	45	47	41	54	51	63	62	62	58	51	59	59	52	50	45	45	52	54	57	48	53	48	61	59		51.7
UNDERWOOD	MAX	70	76	84	70	55	56	62	62	56	77	74	88	92	91	81	69	80	82	78	63	60	69	69	72	66	67	76	72	78	80		72.5
	MIN	49	58	53	40	38	37	41	41	44	54	55	62	62	61	62	50	55	55	55	49	44	44	53	54	46	46	52	49	61	59		51.0
UPHAM 3N	MAX	75	79	76			68	65	60	77	81	89	92	90	85	78	85	82	79	74	65	66	74	75	74	71	78	71	80	89	77		77.0
	MIN	51	59	52	47	39	37	43	49	43	50	56	60	65	58	56	50	59	51	49	48	46	39	52	53	48	48	49	48	59	55		50.6
UPHAM 3 W	MAX	74	81	75	59	61	64	65	59	76	75	89	90	88	80	72	80	80	80	65	65	65	70	73	73	68	75	74	80	78	77		73.7
	MIN	51	59	58	43	39	38	44	49	43	55	57	60	66	59	55	51	59	54	51	48	44	41	54	53	49	49	48	49		56		51.1
VALLEY CITY	MAX	72	84	81	79	55	59	58	60	70	78	90	89	92	90	78	80	81	81	80	63	71	70	67	76	73	79	79	79	89	87		76.3
	MIN	49	54	61	55	43	32	39	49	44	50	64	69	69	64	60	55	56	61	59	51	51	48	52	59	51	51	61	49	63	63		54.4
VELVA	MAX	75	83	80	60	58	62	59	56	75	76	86	90	87	84	73	80	81	81	75	62	66	70	74	72	68	74	72	77	76	77		73.6
	MIN	48	59	58	46	39	38	46	48	43	56	59	61	66	69	61	49	60	56	55	50	50	45	53	55	50	50	50	48	61	57		52.9
WAHPETON STATE SCHOOL	MAX	75	86	83	79	64	61	61	61	67	80	89	92	92	89	80	79	84	90	87	79	75	73	69	83	79	81	81	81	92	90		79.4
	MIN	52	54	61	58	51	34	45	52	48	52	66	63	71	64	65	52	58	63	61	58	52	50	53	59	51	51	61	53	64	70		56.4
WASHBURN	MAX	78	84	78	59	57	60	57	58	76	73	89	93	93	92	78	82	83	89	77		70	70	76	73	72	77	75	77	89	80		76.4
	MIN	48	61	59	46	39	37	46	48	46	55	56	63	70	63	58	50	59	59	65	51	49	44	53	49	48	46	51	52	55	61		52.9
WATFORD CITY	MAX	80	82	64	56	54	55	54	64	76	77	90	93	88	80	76	82	83	80	71	62	64	74	76	65	66	77	71	81	80	74		73.2
	MIN	51	57	54	46	40	37	49	51	52	58	56	67	67	63	60	53	58	56	53	51	46	44	55	50	46	45	48	51	60	63		52.9
WATFORD CITY 14 S	MAX	80	82	80	56	56	55	54	66	78	78	86	91	92	90	80	82	85	84	83	63	70	75	75	72	67	77	76	80	79	74		75.5
	MIN	51	61	53	46	41	36	49	49	51	47	53	54	60	62	59	49	61	53	54	51	45	41			46	41	46	50	58	63		51.1
WESTHOPE	MAX	73	77	74	57	59	67	63	57	75	75	90	93	87	84	73	85	80	76	65	57	67	70	73	70	66	76	73	78	77	77		73.1
	MIN	50	57	56	44	39	38	45	48	46	55	50	60	63	57	50	52	59	51	46	47	45	39	53	48	46	48	46	48	56	56		49.9
WILLISTON WB CITY	MAX	79	82	60	54	53	55	55	60	79	76	86	92	87	82	77	81	84	80	60	62	67	74	75	62	64	76	71	81	77	74		72.2
	MIN	55	58	54	44	42	44	50	49	51	58	60	66	67	63	60	57	61	56	52	49	47	46	57	47	49	48	50	55	59	61		53.8
WILLOW CITY	MAX	72	78	72	58	60	64	63	61	75	77	89	91	85	83	73	83	80	75	70	61	67	69	72	73	67	77	73	78	78	75		73.3
	MIN	50	58	57	44	40	34	42	42	41	54	54	58	57	61	57	48	58	54	51	49	48	43	53	52	48	47	51	45	60	52		50.3
WILTON RR STATION	MAX	69	74	82	80	60	60		57	58	73	69	86	98	96	85	72	85	78	75	68		70	70	70	67	68	77		76	81		74.2
	MIN	49	55	55	54	35	31		43	44	44	51	63	69	65	61	51	56	56	56	49		44		53	48	45	52	47		59		51.3
WISHEK	MAX	73	80	75	73	51	58	59	60	69	73	85	90	90	86	68	78	83	83	80	61	71	70	72	74	71	76	74		90	86		74.4
	MIN	42	57	56	49	41	35	42	47	44	54	60	62	62	61	54	51	58	57	56	51	48	46	53	58	48	44	57	46		62		51.8

Table 6 for this issue may be found on Page 85.

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1952-53

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normal July-June
ALMONT 7 SW	13	32	126	546	967	1216	1347	1147	1114	838	412	117	7875	
AMENIA	7	20	142	661	977	1426	1607	1275	1117	768	320	97	8417	
ARVILLA STATE PARK	25	48	-	698	1025	1485	1704	1353	1186	799	343	114	-	
ASHLEY	20	30	153	654	1038	1421	1539	1283	1172	833	409	117	8669	
BALDHILL DAM		-	-		-								-	
BELCOURT INDIAN RES	91	145	262	783	1126	1531	1797	1422	1383	958	444	167	10109	
BELFIELD	29	31	151	608	1060	1277	1298	1146	1097	906	495	131	8229	
BISBEE	33	66	219	742	1081	1487	1743	1377	1298	905	390	137	9478	
BISMARCK WB AIRPORT	14	35	146	642	1031	1370	1519	1193	1189	826	390	104	8459	9039
BOWMAN COURT HOUSE	38	45	148	557	998	1190	1219	1115	1079	854	481	108	7832	
BUTTE			-		-								-	
CAVALIER	20	36	178	669	1018	1442	1762	1452	1221	797	346	107	9048	
CENTER	23	46	191	675	1031	1326	1476	1198	1165	863	425	121	8540	
COOPERSTOWN	18	42	175	696	1007	1487	1647	1303	1194	827	350	101	8847	
CROSBY	61	61	194	672	1061	1440	1620	1329	1219	900	445	140	9142	
DEVILS LAKE WB CITY	26	52	207	730	1056	1493	1721	1360	1246	871	391	133	9286	9945
DICKINSON CAA	36	58	160	624	1055	1245	1333	1179	1148	915	492	152	8397	
EDMORE 1 W	47	89	228	775	1115	1581	1756	1367	1232	886	431	207	9714	
ELBOWOODS	0	42	155	615	1037	1320	1438	1176	1153	771	388	134	8229	
ELLENDALE	5	14	113	587	953	1353	1539	1240	1084	736	313	84	8021	
EPPING	33	40	172	630	1033	1361	1545	1278	1167	869	434	145	8707	
FARGO WB AIRPORT	16	35	166	711	1020	1430	1690	1360	1139	819	331	102	8819	9284
FESSENDEN	22	55	167	689	960	1448	1594	1271	1221	862	391	125	8805	
FORMAN	3	18	135	644	966	1397	1581	1282	1084	755	335	80	8280	
FORT YATES	14	23	105	-	935	-	-	1110	1086	785	388	85	-	
FOXHOLM 7 N	14	48	156	614	992	1428	1569	1307	1207	884	373	117	8709	
FULLERTON	8	20	135	621	989	1417	1580	1278	1094	744	320	85	8291	
GACKLE	13	27	151	639	979	1427	1603	1307	1179	854	376	134	8689	
GARRISON	35	56	186	665	1035	1378	1577						-	
GRAFTON STATE SCHOOL	19	50	205	720	1076	1528	1804	1467	1252	831	393	127	9472	
GRAND FORKS CAA	23	54	205	747	1060	1461	1759	1411	1189	822	362	110	9203	
GRAND FORKS UNIV	11	47	182	703	1010	1428	1703	1364	1149	776	316	99	8788	
GRAND RAPIDS 1 N	12	26	156	638	999	1476	1607	1287	1112	766	317	90	8486	
GRANVILLE	26	34	145	659	1002	1454	1594	1293	1199	840	366	122	8734	
GRENORA	34	49	170	615	1009	1377	1519	1254	1180	891	429	133	8660	
HANNAH	44	95	257	767	1120	1561	1831	1532	1309	931	434	162	10043	
HANSBORO	49	100	228	725	1081	1500	1750	1413	1322	884	385	157	9594	
HETTINGER	14	29	149	602	1016	1187	1265	1152	1124	866	477	123	8004	
HILLSBORO	14	35	162	647	975	1433	1635	1302	1136	797	337	106	8579	
JAMESTOWN CAA	20	51	182	697	1040	1494	1641	1276	1161	846	379	129	8916	
JAMESTOWN STATE HOSP	14	24	151	652	1008	1455	1581	1266	1142	817	346	105	8561	
KENSAL WILDLIFE REF	19	56	182	686	1074	1479	1600	1276	1193	860	374	127	8926	
LANGDON EXP FARM	58	82	221	761	1116	1561	1798	1472	1288	910	429	157	9853	
LARIMORE	17	41	197	674	1000	1450	1692	1336	1162	807	348	118	8842	
LEEDS	20	39	169	709	1083	1507	1689	1355	1266	856	367	118	9178	
LINTON	10	26	137	619	1009	1367	1467	1187	1117	797	344	96	8176	
LISBON			178	-	1015	1476	-	1283	1164	848	377	-	-	
LOSTWOOD 12 N	73	93	236	742	1110	1432	1642	1377	1176	972	554	-	-	
MADDOCK AGR SCHOOL	26	41	192	710	1062	1512	1616	1318	1234	844	364	112	9031	
MANDAN FT LINCOLN PARK	7	22	111	571	959	1307	1427	1144	1123	799	384	100	7954	
MARMARTH	16	-	-	669	1029	1269	1245	1136	1024	810	425	100	-	
MAYVILLE	19	25	162	657	1001	1421	1648	1288	1151	791	315	93	8571	
MC CLUSKY	12	38	165	668	1062	1418	1603	1291	1246	891	407	127	8928	
MC HENRY 5 N	40	70	211	730	1082	1537	1703	1371	1241	895	413	150	9443	
MC LEOD 3 E	8	25	124	636	1025	1423	1633	1300	1076	754	300	97	8401	
MEDORA 4 NNE	17	37	173	617	1045	1356	1271	1123	1039	824	410	105	8017	
MINOT CAA	34	70	186	656	1030	1384	1564	1298	1238	900	425	140	8925	
MINOT EXP FARM	29	58	169	649	1011	1391	1573	1270	1222	871	423	131	8797	
MOFFIT 4 SE										930	447	143	-	
MOHALL	39	59	173	674	1066	1494	1671	1367	1247	870	419	125	9204	
MOTT	32	46	189	633	1037	1257	1309	1147	1081	865	436	126	8158	
MUNICH 4 SW	47	97	242	800	1109	1587	1863	1475	1339	951	452	186	10148	
NAPOLEON 1 SE	13	28	146	641	1035	1401	1542	1299	1207	855	389	121	8677	
NEW ENGLAND	30	36	159	644	1048	1266	1281	1164	1095	868	452	132	8175	
NEW SALEM 1 S	23	33	125	630	1026	1293	1450	1205	1173	874	456	143	8431	
NEWTOWN	-	-	151	630	1037	1364	1515	1231	1151	866	406	128	-	
PARK RIVER	11	23	134	649	995	1420	1682	1368	1184	785	342	103	8696	
PARSHALL	39	48	172	674	1073	1383	1548	1282	1180	879	432	136	8846	
PEMBINA 2 N	27	45	164	691	1074	1440	1789	1491	1240	792	360	109	9222	
PETERSBURG	22	48	176	722	1063	1487	1727	1356	1255	851	403	131	9241	
PETTIBONE	20	36	158	669	1032	1385	1567	1259	1216	867	370	124	8703	
POWERS LAKE 1 N	67	80	215	731	1093	1472	1575	1340	1251	929	474	163	9390	
RICHARDTON ABBEY	9	32	124	567	981	1199	1315	1138	1097	852	438	126	7878	
ROLLA	52	81	231	747	1069	1511	1765	1361	1311	900	420	151	9599	
RUGBY	16	36	164	668	1022	1471	1641	1334	1253	827	341	102	8875	
SAN HAVEN	52	60	203	723	1057	1468	1704	1349	1297	898	408	157	9376	
SHARON	32	40	184	717	1037	1508	1703	1329	1215	827	376	121	9089	
STANLEY	61	83	202	728	1115	1436	1611	1362	1274	934	500	164	9470	
STEELE	21	32	143	640	1021	1372	1547	1248	1204	854	386	123	8591	
TOWNER	28	77	179	-	1018	1459	1631	1375	1313	856	359	114	-	
TURTLE LAKE	17	37	181	-		1368	-			-	401	113	-	
UPHAM 3 N	29	59	176	669	1043	1511	1668	1364	1304	847	-	90	-	
UPHAM 3 W	-	-	-	-	-	-	-	-	-	873	378	126	-	
VALLEY CITY	11	28	148	619	965	1451	1608	1250	1115	762	322	101	8380	
VAN HOOK	23	44	-	-	-	-	-	-	-	-	-	-	-	
VELVA	31	42	173	644	1011	1424	1553	1247	1198	853	367	117	8660	
WAHPETON STATE SCHOOL	4	8	126	598	910	1371	1624	1308	1060	723	267	60	8059	
WASHBURN	9	24	144	611	999	1358	1494	1199	1152	823	369	108	8290	
WATFORD CITY	21	47	157	644	1024	1307	1420	1165	1117	836	412	130	8280	
WATFORD CITY 14 S		-	-	-			1318	1110	1051	793	420	119	-	
WESTHOPE	45	-	225	717	1102	1517	1710	1392	1309	877	398	144	-	
WILLISTON WB CITY	27	53	151	614	1000	1329	1511	1210	1137	861	433	134	8460	9080
WILLOW CITY	34	73	197	760	1098	1548	1761	1407	1346	874	406	132	9636	
WISHEK	-	57	-	683	995	1401	1550	1276	1208	880	395	128	-	

Degree day normals in this table are derived from the period 1921-1950.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
MAY 1952																							
EASTERN DIVISION																							
PETERSBURG	71.8	39.5	55.7M		90	2	23	11	258	1	0		0	.51	-1.93	.26	26	.0	0		3	0	0
JUNE 1952																							
PETERSBURG	77.7	51.0	64.4M		92	5	39	3		2	0	0	0	2.44	-1.06	.62	13	.0	0		11	1	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAY 1952 PETERSBURG	.51						T	.24									•				.01						.26					
JUNE 1952 PETERSBURG	2.44		.22		.26				T			.15		.62		.06					.04		.04	.18	.11				.46		.30	
DECEMBER 1952 BOWMAN 30 NNW	T											T																				

DAILY TEMPERATURES

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAY 1952 PETERSBURG	MAX	84	90	87	85	72	62	65	68	62	53	63	69	75	73	64	68	60	67	71	65	74	80	85	81	82	80	68	66		68	68	71.8
	MIN	51	56	50	48	40	33	45	34	41	26	23	34	33	37	32	37	31	38	38	43	37	45	50	49	40	44					31	39.5
JUNE 1952 PETERSBURG	MAX	77	77	75	83	92	88	90	78	80	73	89	85	82	83	85	74	82	72	76	73	64	75	76	74	62	69	66	75	70	85	7	77.7
	MIN	41		39		54	54	58		41	44	53	42	50	41	54	62	49	51	42	54	53	50	59	56	54	45	53	63	57	57		51.0

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	-		8P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Nogan Ramaland	2 3 5 7
Ambrose	0189	Divide	12	48 58	103 28	2059		5P	Soo Line Agent	3
Amenia	0198	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gnbeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2810	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thornn	2 3 5
Ashley	0382	McIntosh	8	46 02	98 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Muller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	F. B. Chidester	3
Bantry	0516	McHenry	12	48 30	100 36	-		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 5 . 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0798	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1670	9A	9A	U.S. Weather Bureau	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0895	Bowman	3	46 11	103 23	2872	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	-		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	-		MID	Harry E. Barris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	B. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunbam	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	-		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	SS	SS	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg	3277	Billings	4	46 53	103 18	2790		MID	Herman J. May	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Seirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	-		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald H. Sjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	-		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisne	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Hazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	Ephrain Zacher	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	-		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	7P	7P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1711	8P	8P	William Heyerman	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William H. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5518	Dunn	6	47 14	102 46	2219		MID	Donald Jeffries	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	R. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467		6P	R. H. Knisfel	3
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7P	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmaier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	9P	9P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	-		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	46 29	99 45	1955	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Salinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Ganbe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kontek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	-		6P	Henry L. Erickson	3
Oakes	8620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	5	47 07	99 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Rauh	7405	McLean	8	47 44	102 04	-		MID	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1450		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 23	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	Deep Rvr Dvlpmnt Fm	2 3 5 6
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1332		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred Krause	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 43	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	-		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 8-19-53 -- 880

CORRECTIONS

May 1951: Bismarck WB Airport, Supplemental Data Table, percent of possible sunshine should be 74.

January 1952: San Haven, Table 2, temperature departure should be -0.8 and precipitation departure .40.

February 1952: San Haven, Table 2, temperature departure should be 10.5 and precipitation departure -0.38.

March 1952: Bowbells, Table 7, snow on ground should be 2 on 26th.

San Haven, Table 2, temperature departure should be -1.5 and precipitation departure -0.31.

April 1952: San Haven, Table 2, temperature departure should be 10.3 and precipitation departure -0.84.

May 1952: San Haven, Table 2, temperature departure should be 2.4 and precipitation departure -1.23.

Bowbells 5 E, Table 2, mean maximum should be 66.6, mean minimum 38.5, and mean temperature 52.6.

Bowbells 5 E, Table 5, maximum temperature should be 69 on 13th, 59 on 16th, 67 on 31st, and mean 66.6. Minimum temperature should be 47 on 1st, 33 on 12th, 46 on 13th, and mean 38.5.

Carson No. 2, Table 2, total precipitation should be 2.32, departure -0.08, greatest day .79 on the 7th, number of days with .01 or more 7, .50 or more 2, and 1.00 or more 0.

Carson No. 2, Table 3, 28th should be .05, 27th .00, 28th .00, 29th .00, 30th .10, and 31st .00.

June 1952: Edgeley Exp. Farm, Table 2, mean maximum should be 79.3, mean minimum 51.3, mean 65.3, and departure +1.7.

Edgeley Exp. Farm, Table 5, maximum temperatures should be as follows: 4th 73, 15th 88, 20th 73, 24th 89, 28th 70, 30th 79, and mean 79.3. Minimum temperatures should be as follows: 14th 52, 15th 64, 16th 57, 21st 51, and mean 51.3.

San Haven, Table 2, temperature departure should be 0.9 and precipitation departure -0.08.

August 1952: Bowbells 5 E, Table 2, mean maximum should be 77.6, mean minimum 51.4, and mean 64.5.

Bowbells 5 E, Table 5, maximum on 14th should be 86 and mean maximum 77.6. Minimum on 29th should be 56 and mean minimum 51.4.

December 1952: Bismarck WB Airport, Table 2, degree days should be 1370.

Bismarck WB Airport, Table 5, on the 22nd maximum should be 31 and minimum 17.

Mohall, Table 5, delete minimum temperature on 25th through 31st and change mean minimum to 7.2.

Jan.-Apr. inc. 1953: Delete R's on Table 3 for the following stations: Amidon, Beach, Belcourt Indian Res., Beulah, Crosby, Fort Yates, Halliday, Kenmare, Napoleon 1 SE, Pettibone, Richardton Abbey, Ryder, and Stanley.

April 1953: Edgeley Exp. Farm, Table 2, mean maximum should be 47.1, mean minimum 27.3, and days with minimum 32° or below 26.

Edgeley Exp. Farm, Table 5, maximum on 1st should be 40 and average maximum 47.1. Minimum on 24th should be 41 and average minimum 27.3.

Upham 3 W, Table 2, mean maximum should be 47.7, mean minimum 23.5, average 35.6, and degree days 87.3.

Upham 3 W, Table 5, maximum on 16th should be 40 and average maximum 47.7.

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~~NAT HIST~~

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

SEP 25 1953

JULY 1953
Volume LXII No. 7

KANSAS CITY: 1953

NORTH DAKOTA - JULY 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

July averaged below normal in both temperature and precipitation. Although there were a few sections of the state that were rather dry by the end of the month, most areas received sufficient rainfall. Black stem rust, however, continued a rapid build-up during the month and severely damaged the wheat crop.

The mean temperature for the state was 68.1 degrees which is 1.5 degrees below normal. The eastern division averaged 68.4 degrees which is 1.0 degree below normal; the middle division averaged 67.9 degrees which is 1.7 degrees below normal, and the western division averaged 68.0 degrees which is 1.9 degrees below normal. Most stations recorded highest temperatures from the 18th to 20th. Medora with 97 degrees on the 18th reported the highest reading in the state. Most stations had lowest temperatures from the 6th to the 9th. The lowest temperature was 38 degrees and was recorded at Dunn Center on the 8th and at Edmore and Pembina on the 23d. The mean temperature over the state ranged from 71.5 degrees at Wahpeton to 63.9 degrees at Munich.

Precipitation over the state averaged 1.51 inches which is 0.96 inch below normal. The eastern division averaged 1.60 inches which is 1.29 inches below normal; the middle division averaged 1.35 inches which is 1.14 inches below normal, and the western division averaged 1.58 inches which is 0.52 inch below normal. Precipitation ranged from 3.64 inches at Park River to 0.43 inch at the station 7 miles north of Foxholm. The greatest precipitation in a single day in July was 2.39 inches reported at Lansford on the 20th. Wildrose reported a greater amount on the 1st, 2.62 inches, but most of this fell in a storm in the late afternoon of June 30th.

Nearly all crops continued to develop rapidly and well during the month. There was a good prospect for a record flax crop. The wheat crop, especially durum wheat, declined during the month mainly due to a heavy infestation of black stem rust. A few rather warm and humid days and a number of nights with dew presented favorable conditions for a rapid build-up of rust. The durum wheat estimate made by the crop statistician on August 1 was substantially lower from that made on July 1. The estimate on other wheat was also reduced somewhat during the month. A record hay crop was also being put up. Pastures were the best since 1942. Consequently, livestock were in better than average condition. Topsoil moisture was becoming deficient in many areas of the state by the end of the month. Subsoil moisture, however, continued adequate in most sections.

Hail was reported from many sections of the state during the month with damage ranging from light to heavy. A particularly bad storm, which covered an area roughly 3 miles wide and 15 miles long, was reported 20 miles northeast of Dickinson on the 19th. One farmer said he measured up to 22 inches of hail in ditches after the storm was over. A tornado cut a narrow path through the town of Hurdsfield on the 6th, damaging a number of buildings severely and leaving many trees broken and twisted. The observer at Park River reported seeing a tornado cloud on the 11th. It apparently did not touch the ground as there were no reports of damage from that area.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	SSE	13	10.6	40	NW	4	79	84	52	48	6	4	3	0	0	0	13	77	3.8
DEVILS LAKE WB CITY	–	–	7.9	27	NW	4	–	–	–	–	4	3	3	0	0	0	10	81	3.6
FARGO WB AP	NNW	13	11.6	35	SE	24	83	85	55	51	6	3	4	0	0	0	13	77	4.3
WILLISTON WB CITY	–	–	7.1	32	W	1	72	79	48	45	7	2	2	1	0	0	12	88	4.1

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	68.7	108	31	3.23	0	8
1893	69.5	112	35	2.04	0	7
1894	71.7	107	38	0.63	0	3
1895	66.1	102	29	2.90	0	8
1896	67.5	107	31	1.51	0	6
1897	68.9	109	38	4.43	0	9
1898	67.6	106	28	2.49	0	7
1899	68.3	109	32	2.34	0	6
1900	67.9	107	33	2.25	0	6
1901	70.8	110	40	4.28	0	6
1902	67.6	106	34	2.15	0	5
1903	66.7	109	26	2.23	0	7
1904	64.4	102	34	2.13	0	6
1905	65.6	100	32	3.78	0	8
1906	66.9	102	34	1.56	0	11
1907	65.8	103	31	3.06	0	9
1908	68.6	103	31	1.91	0	6
1909	67.1	99	34	2.73	0	8
1910	70.0	114	33	1.60	0	5
1911	65.1	107	23	1.70	0	6
1912	66.0	106	30	3.66	0	10
1913	65.6	103	35	2.22	0	8
1914	72.1	109	36	2.17	0	6
1915	62.3	97	30	3.13	0	11
1916	73.1	105	33	2.96	0	7
1917	70.9	114	27	1.54	0	7
1918	65.5	102	34	2.73	0	7
1919	71.2	105	37	1.86	0	5
1920	68.3	103	31	2.11	0	7
1921	71.4	110	35	3.07	0	7
1922	65.6	100	30	2.48	0	8
1923	71.2	103	35	3.05	0	8
1924	65.5	99	32	1.93	0	6
1925	66.7	106	29	1.35	0	6
1926	70.3	108	32	2.04	0	7
1927	65.4	97	28	2.84	0	9
1928	67.4	96	38	4.82	0	10
1929	70.6	109	34	1.27	0	5
1930	72.3	107	34	1.04	0	5
1931	70.6	111	37	3.03	0	8
1932	70.0	108	36	1.95	0	7
1933	71.9	109	36	2.00	0	7
1934	71.8	112	29	1.22	0	6
1935	73.8	110	45	4.41	0	10
1936	79.9	121	38	0.70	0	4
1937	71.7	111	40	2.93	0	9
1938	69.7	104	39	3.34	0	9
1939	72.6	108	37	1.81	0	7
1940	71.6	107	37	3.70	0	11
1941	70.8	106	34	1.76	0	8
1942	67.1	97	36	2.43	0	7
1943	70.5	103	41	2.72	0	8
1944	67.6	102	33	1.74	0	6
1945	67.8	102	30	2.31	0	9
1946	70.6	110	34	2.17	0	7
1947	70.4	103	33	1.79	0	6
1948	69.3	108	34	4.04	0	10
1949	69.5	111	30	3.56	0	10
1950	66.1	100	36	1.92	T	10
1951	68.2	105	33	1.94	T	7
1952	67.8	105	34	2.79	T	9
1953	68.1	97	38	1.51	T	7

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	81.9	56.2	69.1M	- .8	93	20	48	10	19	2	0	0	0	1.17	-1.52	.45	21	.0	0		7	0	0
ARVILLA STATE PARK	81.3	54.5	67.9		90	20	40	9+	27	1	0	0	0	1.98		.89	20	.0	0		8	1	0
CARRINGTON	80.3	52.4	66.4M	-3.0	90	21	43	9		1	0	0	0	1.11	-1.50	.25	7	.0	0		9	0	0
CAVALIER	80.5	55.4	68.0	-1.0	90	16	45	23	20	1	0	0	0	3.21	.57	1.12	17	T	0		10	2	1
COOPERSTOWN	82.5	54.7	68.6	-1.0	94	20	43	8	28	4	0	0	0	1.26	-1.33	.48	21	.0	0		4	0	0
DEVILS LAKE W8 CITY R	80.0	55.7	67.9	-1.4	90	18+	46	7+	36	3	0	0	0	1.01	-1.66	.46	21	.0	0		6	0	0
EOGELEY EXP FARM	80.3	55.8	68.1M	-1.8	94	20	45	9+		2	0	0	0	.50	-2.07	.14	24	.0	0		7	0	0
EOMORE 1 W	79.0	51.3	65.2	-2.3	89	19	38	23	66	0	0	0	0	2.15	- .69	.81	21	.0	0		7	1	0
ELLENOALE	82.3	58.3	70.3	- .6	96	19	47	23	14	2	0	0	0	1.53	-1.12	.64	24	.0	0		7	1	0
ENOERLIN	82.3	54.4	68.4M		93	20	47	8+		2	0	0	0	1.06		.72	21	.0	0		4	1	0
FARGO W8 AP R //	81.7	58.0	69.9	-1.4	95	20	47	9	20	3	0	0	0	1.08	-1.23	.39	21	T	T	20	7	0	0
FORMAN	83.6	58.3	71.0M	.9	96	19			10	3	0	0	0	1.07	-1.81	.40	5	.0	0		6	0	0
FULLERTON	82.7	58.0	70.4	.2	96	19	46	9	11	4	0	0	0	.95	-1.93	.38	5	.0	0		5	0	0
GACKLE	81.3	57.2	69.3	- .7	93	19	46	9	21	1	0	0	0	1.11	-1.57	.70	17	.0	0		5	1	0
GRAFTON STATE SCHOOL	81.5	51.5	66.5	-2.3	91	16	40	23	39	1	0	0	0	2.18	- .58	.46	11+	T	0		12	0	0
GRAND FORKS CAA AP	81.2	55.2	68.2	- .3	92	19	45	9+	31	4	0	0	0	2.28	- .50	.97	20	.0	0		8	2	0
GRANO FORKS UNIV	80.5	57.7	69.1	.6	89	19+	47	9+	22	0	0	0	0	2.57	- .21	1.00	20	T	0		9	3	1
GRAND RAPIOS 1 N	83.2	56.1	69.7		96	19	44	9	17	3	0	0	0	1.33		.67	21	.0	0		5	1	0
HANKINSON R R STA	83.4	58.8	71.1	- .3	94	20+	50	10+		4	0	0	0	.65	-2.22	.38	6	.0	0		6	0	0
HANNAH	78.5	51.5	65.0M	-1.2	88	18+	39	23	64	0	0	0	0	1.68	- .75	.98	21	T	0		11	1	0
HILLS8ORO	82.8	58.5	70.7M	.0	91	20			16	3	0	0	0	1.63	-1.01	.75	1	T	0		7	1	0
JAMESTOWN CAA AP	79.8	55.4	67.6	-2.0	90	19+	45	9	31	2	0	0	0	2.04	- .66	1.13	21	T	0		7	2	1
JAMESTOWN STATE HOSP	82.2	56.8	69.5	- .1	94	20	48	23	16	3	0	0	0	1.91	- .79	.95	17	.0	0		4	2	0
KENSAL WILOLIFE REF	81.2	55.0	68.1M		91	19			39	1	0	0	0	1.83		.71	17	.0	0		5	2	0
LANGOON EXP FARM	80.1	51.8	66.0	- .3	89	18	40	23	53	0	0	0	0	1.22	-1.28	.67	21	.0	0		6	1	0
LARIMORE	80.7	55.4	68.1	.0	90	20	44	23	24	1	0	0	0	1.27	-1.67	.38	21	.0	0		7	0	0
LIS8ON	82.5	56.4	69.5	- .9	92	20	45	8+	25	3	0	0	0	1.13	-1.77	.53	21	.0	0		5	1	0
MAYVILLE	81.5	57.2	69.4	- .8	93	20	46	9+	24	1	0	0	0	1.44	-1.27	.61	1	.0	0		5	1	0
MC HENRY 5 N	78.5	54.3	66.4	-1.7	88	20	43	23	46	0	0	0	0	3.33	.53	1.15	1	T	0		10	3	2
MC LEOD 3 E	82.4	55.8	69.1M	-2.3	92	21	48	8+	16	2	0	0	0	1.89	- .96	.63	24	.0	0		6	1	0
MUNICH 4 SW	77.0	50.8	63.9M		85	18+	41	8+	74	0	0	0	0	2.04		1.13	21	.0	0		6	2	1
OAKES	80.0	58.2	69.1	-2.6	93	20	46	23		2	0	0	0	1.04	-1.81	.44	24	.0	0		8	0	0
PARK RIVER	80.8	56.6	68.7	.2	89	16	46	9+	21	0	0	0	0	3.64	1.03	1.47	21	T	0		6	3	1
PEM8INA 2 N	82.5	53.3	67.9	.1	90	16+	38	23	31	2	0	0	0	1.87	- .54	.51	17	.0	0		8	1	0
PETERS8URG	80.5	54.5	67.5		89	11+	45	7+	35	0	0	0	0	1.49	-1.47	.38	21	.0	0		11	0	0
SHARON	79.8	55.5	67.7	-3.1	89	19+	46	7+	33	0	0	0	0	.84	-1.85	.40	21	.0	0		3	0	0
VALLEY CITY	83.0	56.9	70.0	- .1	93	19+	46	23	15	3	0	0	0	.86	-1.86	.35	21	.0	0		5	0	0
WAHPETON STATE SCHOOL	84.7	58.3	71.5	.6	94	20+	46	8+	10	3	0	0	0	1.30	-1.65	.52	5	T	0		8	1	0
OIVISION			68.4	-1.0										1.60	-1.29			T					
MIOOLE OIVISION																							
ASHLEY	79.4	55.7	67.6	-2.1	93	19	42	9	37	1	0	0	0	2.59	- .07	.89	16	.0	0		8	2	0
8ELCOURT INOIAN RES	77.6	51.5	64.6		86	30	39	23	67	0	0	0	0	1.61		.46	21		0		9	0	0
8IS8EE	79.6	53.5	66.6	- .8	89	18	45	7	41	0	0	0	0	1.65	-1.05	.46	21	.0	0		9	0	0
8ISMARCK W8 CITY	81.1	59.3	70.2	- .3	94	20	48	9		3	0	0	0	.83	-1.45	.37	11	.0	0		5	0	0
8ISMARCK W8 AP R	82.8	57.0	69.9	-2.2	95	19	47	9+	17	5	0	0	0	.87	-1.46	.40	11	.0	0		7	0	0
8OTTINEAU	77.5	53.1	65.3M	-2.3			43	6			0	0	0	1.27	-1.12	.36	21	.0	0		10	0	0
8UTTE	79.4	57.0	68.2M	-1.8	88	19+	48	7+		0	0	0	0	1.84	- .89	.94	1	.0	0		9	1	0
CARSON NO. 2	78.9	56.5	67.7	-3.1	91	20	47	8		1	0	0	0	2.30	.31	.97	11	.0	0		12	1	0
CENTER	81.0	53.7	67.4M	-3.6	92	19	40	9	38	4	0	0	0	.83	-1.59	.20	27	.0	0		6	0	0
DRAKE	79.6	58.2	68.9M	-2.7	90	20				1	0	0	0	2.58	.28	1.63	1	.0	0		7	1	1
ECKMAN	79.6	53.7	66.7	-1.3	91	20	45	7+		3	0	0	0	.90	-1.46	.25	20	.0	0		5	0	0
FESSENDEN	81.1	54.1	67.6M	-1.8	90	20	44	23	29	1	0	0	0	2.65	.08	1.30	1	.0	0		9	2	1
FORT YATES	83.1	57.4	70.3M	-2.4	96	19	41	8	16	2	0	0	0	.94	-1.14	.34	25	.0	0		6	0	0
FOXHOLM 7 N	82.3	55.6	69.0M	- .7	93	18+			12	3	0	0	0	.43	-1.50	.12	1	.0	0		6	0	0
GARRISON	80.3	55.6	68.0	-1.2	91	19	46	7+		2	0	0	0	1.35	-1.14	.62	4	T	0		7	1	0
GRANVILLE	79.8	56.6	68.2	- .5	89	18	49	6+	19	0	0	0	0	1.27	-1.00	.30	3	T	0		8	0	0
HANS8ORO	78.3	52.9	65.6M	- .7			43	9+	53	0	0	0	0	1.76	- .78	.59	21	.0	0		11	1	0
LEEOS	80.1	53.9	67.0		89	19	43	9	40	0	0	0	0	1.71		.65	21	T	0		9	1	0
LINTON	82.9	57.1	70.0	-2.7	96	19	44	8+	18	2	0	0	0	1.14	- .99	.73	16	.0	0		6	1	0
MADOOCK AGR SCHOOL	81.0	54.9	68.0	- .9	91	20	46	7+	29	3	0	0	0	2.23	- .46	.95	21	.0	0		7	1	0
MANOAN EXP STA	80.4	57.0	68.7	-3.2	93	20	45	9		2	0	0	0	1.10	-1.21	.30	21	.0	0		7	0	0
MANOAN FT LINCOLN PARK	84.1	56.1	70.1		95	19	45	9+	12	4	0	0	0	.91		.34	25	.0	0		7	0	0
MAX	81.2	55.7	68.5M	-2.9	92	20	45	8+		1	0	0	0	1.90	- .64	.78	1	.0	0		7	1	0
MC CLUSKY	81.7	57.2	69.5	- .9	92	20	48	7+	21	4	0	0	0	.94	-1.55	.30	21	.0	0		8	0	0
MINOT CAA AP	78.8	57.0	67.9	- .9	91	18	49	6	22	1	0	0	0	.63	-1.42	.39	10	.0	0		7	0	0
MINOT EXP FARM	80.0	55.1	67.6		90	18	48	6+	27	1	0	0	0	2.35		1.96	1		0		6	1	1
MOFFIT 4 SE	79.5	53.8	66.7		90	15	40	9	47	1	0	0	0	1.30		.39	25	.0	0		10	0	0
MOHALL	80.8	52.3	66.6M	- .9	92	18	45	7	34	1	0	0	0	1.43	-1.02	.67	28	.0	0		5	1	0
NAPOLEON 1 SE	81.6	55.5	68.6	- .8	94	19	42	9+	28	2	0	0	0	.79	-1.72	.24	16	.0	0		7	0	0
NEW SALEM 1 S	80.8	54.6	67.7M	-3.1	92	19	42	23	28	3	0	0	0	.88	-1.29	.28	11	.0	0		5	0	0
PETTI8ONE	81.0	58.0	69.5	.0	92	19	48	9+	18	2	0	0	0	.97	-1.77	.48	21	.0	0		7	0	0
RIVEROALE	80.4	56.6	68.5		91	19+	47	8		2	0	0	0	1.05		.57	25	.0	0		7	1	0
ROLLA	77.7	53.8	65.8	- .9	88	18	45	6+	48	0	0	0	0	2.39	- .29	1.37	21	T	0		12	1	1
RUG8Y	81.3	56.4	68.9		89	18+	48	7+	13	0	0	0	0	1.05	-1.63	.47	21	.0	0		7	0	0
SAN HAVEN	78.6	54.8	66.7	- .3	89	18	45	7	37	0	0	0	0	1.46	-1.21	.40	11	.0	0		9	0	0

See reference notes following Station Index.

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00 or More
STEELE	82.4	56.3	69.4	- .8	94	19	46	9	17	2	0	0	0	.62	-2.20	.32	25	.0	0		2	0	0
TOWNER	81.2	55.1	68.2	- .9	90	18	45	7	14	1	0	0	0	.47	-1.94	.28	6	.0	0		2	0	0
TURTLE LAKE	82.3	56.1	69.2	- .3	90	19+	48	9	16	2	0	0	0	.59	-1.96	.23	21	.0	0		7	0	0
UNDERWOOD	80.8	53.5	67.2	-4.7	92	19	43	29		3	0	0	0	.83	-1.57	.41	25	.0	0		6	0	0
UPHAM 3 N	83.1	53.6	68.4		90	18+	43	7	18	3	0	0	0	1.21		.71	21	.0	0		7	1	0
UPHAM 3 W	79.7	53.0	66.4M						37		0	0	0	1.60		.84	20		0		5	1	0
VELVA	79.0	57.2	68.1	-1.9	89	18	49	9+	20	0	0	0	0	2.71	.39	1.90	1		0		8	2	1
WASHBURN	82.9	55.6	69.3M	-1.9	92	19	46	8+	20	2	0	0	0	.91	-1.71	.24	25+	.0	0		8	0	0
WESTHOPE	80.2	52.6	66.4	-1.5	93	18	44	7	38	2	0	0	0	.92	-1.40	.33	21	T	0		8	0	0
WILLOW CITY	80.0	53.6	66.8	.2	90	18	44	9+	31	1	0	0	0	1.38	- .91	.67	21	T	0		5	1	0
WILTON R R STATION	78.6	54.0	66.3M	-4.1			47	23			0	0	0	.62	-1.69	.15	11+	.0	0		7	0	0
WISHEK	81.4	54.9	68.2M	-2.2	91	19	42	9	22	1	0	0	0	1.63	- .97	1.15	16	.0	0		6	1	1
DIVISION			67.9	-1.7										1.35	-1.14			T					
WESTERN DIVISION																							
ALMONT 7 SW	81.2	56.5	68.9		94	19	46	8	16	1	0	0	0	1.47		.51	25	.0	0		7	1	0
AMIDON	82.3	54.8	68.6	-1.8	96	20	45	6+		5	0	0	0	1.16	- .98	.56	25	.0	0		6	1	0
BEACH	82.7	54.2	68.5	-1.4	95	16+	41	8		8	0	0	0	.86	- .94	.22	26	.0	0		7	0	0
BELFIELD	82.8	54.5	68.7	-1.3	94	19	42	6+	23	4	0	0	0	2.30	.08	.78	26	T	0		9	1	0
BOWBELLS	77.9	54.3	66.1	-1.4	91	19	46	7		1	0	0	0	1.70	- .53	.57	4	T	0		10	1	0
BOWMAN COURT HOUSE	83.5	54.3	68.9	-2.0	93	19	44	6+	16	5	0	0	0	1.81	- .27	.80	25	T	0		8	1	0
CROSBY	80.5	54.0	67.3	- .6	91	18	45	7	30	2	0	0	0	.96	-1.12	.33	3	.0	0		8	0	0
DICKINSON CAA AP	81.0	54.8	67.9	-1.1	93	18+	45	8	25	4	0	0	0	2.72	.51	1.08	20	T	0		10	2	1
DICKINSON EXP STA	80.5	54.6	67.6M	-1.4	93	19+	42	8+		3	0	0	0	2.48	.27	.61	20	T	0		12	1	0
DUNN CENTER	82.4	51.1	66.8	-2.2	93	19+	38	8		4	0	0	0	1.31	-1.02	.80	11	T	0		9	1	0
ELBOWODODS	82.8	54.2	68.5M	-1.4	94	18+	43	8	26	5	0	0	0	1.31	-1.10	.38	3	.0	0		11	0	0
EPPING	82.3	55.1	68.7	-2.1	93	31	45	6	28	6	0	0	0	1.61	- .44	.93	11	.0	0		4	1	0
GRENORA	79.7	54.8	67.3M	- .1	91	18+	44	6	33	2	0	0	0	1.78	- .06	.60	11		0		4	2	0
HETTINGER	79.9	55.2	67.6	-4.1	90	18+	45	17	26	2	0	0	0	1.51	- .77	.94	25	T	0		5	1	0
KENMARE	79.5	53.3	66.4	-2.9	93	19	45	7+		2	0	0	0	1.17	-1.13	.35	11	.0	0		9	0	0
LOSTWOOD 12 N	79.0	52.8	65.9M		88	18	44	8	48	0	0	0	0	1.69		.72	1	T	0		6	2	0
MARMARTH	85.4	55.7	70.6M	- .6	96	15+			11	7	0	0	0	1.31	- .60	.70	25	T	0		9	1	0
MEDORA 4 NNE	85.8	54.4	70.1M		97	18	39	8	25	9	0	0	0	1.16		.63	26	.0	0		6	1	0
MOTT	80.7	54.3	67.5	-4.1	93	19	43	17+	29	2	0	0	0	1.13	-1.00	.56	24	T	0		4	1	0
NEW ENGLAND	81.9	54.1	68.0	-2.5	94	19	42	9	23	3	0	0	0	2.52	.39	1.17	25	T	0		10	2	1
NEWTOWN	82.1	55.6	68.9	-1.8	94	18	48	6+	21	4	0	0	0	1.18	- .84	.70	3	T	0		8	1	0
PARSHALL	80.7	53.5	67.1	-2.5	92	18	44	8+	41	2	0	0	0	2.11	- .11	1.31	1	T	0		8	1	1
PORTAL	78.5	53.6	66.1M	-1.9	91	19	44	7		1	0	0	0	2.57	.50	1.63	11	T	0		12	1	1
POWERS LAKE 1 N	79.9	53.4	66.7M	-4.4	92	18	45	6+	45	2	0	0	0	.78	-1.49	.35	20	.0	0		6	0	0
RICHARDTON ABBEY	82.1	55.9	69.0	-2.1	95	19	45	8	19	2	0	0	0	2.56	.10	.83	4		0		10	2	0
STANLEY	78.6	54.8	66.7M		90	18	45	8	48	1	0	0	0	.83	-1.30	.61	20	.0	0		4	1	0
WATFORD CITY	82.6	55.9	69.3	-1.8	95	15+	44	8	21	6	0	0	0	1.58	- .42	.92	11	.0	0		7	1	0
WATFORD CITY 14 S	83.7	54.4	69.1M		96	18+	41	8	17	7	0	0	0	1.34		.64	20	T	0		4	2	0
WILLISTON W8 CITY R 7/	80.7	57.7	69.2	-1.7	95	15	47	8	23	3	0	0	0	.96	-1.17	.57	10	T	0		5	1	0
DIVISION			68.0	-1.9										1.58	- .52			T					
STATE			68.1	-1.5										1.51	- .96			T					

Table 6

EVAPORATION AND WIND

Station		Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DEVILS LAKE W8 CITY	EVAP	.21	.24	.25	.31	.16	.24	.16	.12	.17	.22	.31	.22	.17	.22	.31	.23	.23	.29	.37	.31	.42	.27	.23	.24	.27	.25	.26	.20	.29	.28	.22	7.67
	WIND	44	56	30	89	36	64	52	19	11	29	23	38	10	18	38	59	27	39	38	60	74	74	28	51	29	17	53	44	41	31	33	1255
DICKINSDN EXP STA (A)	EVAP	.09	.21	.17	*	*	.68	.20	.25	.21	.22	.11	.26	.18	.23	.32	.34	.20	.22	.17	.28	.20	.27	.22	.22	.27	.20	.18	–	–	.21	.21	6.768
	WIND	115	110	60	140	80	60	65	85	40	120	80	120	45	80	175	190	75	55	70	70	100	90	45	165	105	115	100	100	40	70	105	2870
EDGELEY EXP FARM	EVAP	.07	.13	.27	.25	.23	.25	.17	.24	.14	.26	.25	.11	.42	.19	.19	.29	.29	.26	.37	.14	.30	.23	.29	.20	.11	.23	.21	.17	.34	.15	.30	7.05
	WIND	30	38	36	59	37	42	45	61	18	16	32	53	77	29	72	4	60	20	27	28	37	58	45	48	53	39	17	58	50	18	37	1244
MANDAN EXP STATIDN (A)	EVAP	.12	.24	.18	.25	.24	.18	.21	.25	.17	.19	.17	.24	.21	.19	.26	.33	.13	.18	.24	.25	.34	.29	.25	.21	.15	.24	.21	.16	.23	.18	.18	6.67
	WIND	127	131	59	143	83	60	83	87	35	80	70	90	82	26	98	182	52	40	102	69	146	99	70	129	108	102	88	124	67	31	38	2701
RIVERDALE	EVAP	.12	.28	.28	.32	.15	.14	.34	.30	.23	.29	.28	.37	.23	.26	.39	.42	.24	.27	.26	.37	.28	.41	.39	.25	.45	.37	.24	.15	.26	.23	.32	8.89
	WIND	105	67	60	101	58	44	66	43	41	91	83	57	46	59	114	148	29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UPHAM 3 W	EVAP	.16	.21	.23	.20	.24	.26	.17	.11	.24	.10	.23	.19	.23	.20	*	*	.54	.17	*	.58	*	*	*	.93	.14	*	.35	.23	.40	–	–	6.538
	WIND	38	53	23	103	71	74	34	16	17	28	54	24	18	32	*	*	60	61	*	186	*	*	*	81	11	*	78	52	61	–	–	12568

(A) PAN 6 FEET IN DIAMETER; 24 INCHES OEEP; IN GROUND 20 INCHES.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
JULY 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	2.36				.13		.05	.25					.03				.20	.30			1.06	.34										
ALEXANDER	.48	.08				.12															.05								.11			.12
ALMONT 7 SW	1.47				.11							.17					T			.06		.24				.51	.33		.05			
AMBROSE	.96	T	T	.20			.07														.69											
AMENIA	1.17	.20				.14		.05	.05				.01					.27				.45										
AMIDON	1.16	.11				.04						.04									.12	T			T	.56	.29		T	T		T
ARVILLA STATE PARK	1.98	.21			.04			.04	.01									.31		.15	.89	.33										
ASHLEY	2.59					.30						.06					.89	.52		.22		.08			.06	.46		T				
BALTA	1.44	.06			.06		.40					.02					.11				.60	T				.19						
BANTRY	.86				.05		.02	.14										.04				.61										
BEACH	.86		.01			.14																.09			.12	.16	.22	.12				
BELCOURT INDIAN RES	1.61	T		.40	.07		.15		.02			.39					T				.02	.46	.06		.04							
BELFIELD	2.30					.39	.03				T	.08					T			.08	.41	.05				.40	.78	.08	T			
BERTHOLD	.47		.02			.02	.08					.21				T					.01	.13										
BEULAH	1.01				.12						.06						.04				.10				.18	.12	.39					
BISBEE	1.65				T	.10	.24	.12	.04		.28						.13				.27	.46							.01			
BISMARCK WB CITY	.83	.03				T						.37										.15			T	.26	T			.02		
BISMARCK WB AIRPORT R	.87	.01		T		T						.40					T			T	.10	.01			T	.25	.09		.01			T
BISMARCK 12 ENE	.53	T										.17										.01			.01	.28	.05		.01			
BOTTINEAU	1.27				.14		.07	.14	.08			.03	.15					.06			.16	.36				.08						
BOWBELLS	1.70	.13	.03		.57			.06				.22	.10				.01			T		.45			.01			.12	T			
BOWMAN COURT HOUSE	1.81			.01								.05							.05	.25	.07					.80	.47			.11		
BOWMAN 11 SE	1.24																		T		.60			.06		.28	.24			.06		
BOWMAN 30 NNW	1.81	.50				.30																.27			T	.24	.38		.12			
BURT 16 N	2.39	T			.50							.55														.90	.44		T			
BUTTE	1.84	.94			.08	.05	.03	.12					.13					.04				.15				.30						
CARRINGTON	1.11	.15					.08	.25		.08			.08					.10				.21	.02									.14
CARSON NO 2	2.30	.02			.25	.07		.02				.97		T				.08			.02	.11			.02	.43	.30			.01		T
CAVALIER	3.21	T			T	T	.09	.19	.06			.62					.15	1.12			.16	.37			.43				.02			
CENTER	.83					.10						.15					.15					.08				T	.15	.20				
COLGATE	.81							.07										.62				.12										
COLUMBUS	.59	T		.20		.03	.03														.12				.15							.06
COOPERSTOWN	1.26	.40						.10	T									.28				.48			T							
COURTENAY	1.20							.19	.02									.58				.23			T	.03		T			.15	T
CROSBY	.96	.16		.33			.05										.02				.16				.20	.03						.01
DEVILS LAKE W B CITY R	1.01	T		.21		T	.15		.09			.04					.06					.46			T				T			
DICKINSON CAA AP	2.72	.08		.12		.11					T	.12							.06	.01	1.08	T		T	.11	.93		.10	T			
DICKINSON EXP STA	2.48	.08	T		.27	.36						.28								.07	.61	.15			.06	.25	.26	.02		.07		T
DONNYBROOK	.71						T	.04				.12	.23																.32			
DRAKE	2.58	1.63			.35		.10	.14										.05				.29				.02						
DUNN CENTER	1.31	.02	.07		.05	.15						.80										.03				.15	.02	.02				
ECKMAN	.90						.15	.20										T			.25	.15							.15			
EDGELEY EXP FARM	.50	T				.06	.02	.02										.06				.08			.14	.12						
EDMORE 1 W	2.15	.05		T	T		.24	T	.15			.21					.21				.48	.81			T							
ELBOWOODS	1.31	.09		.38	.11	.20	T					.01									.01	.03			T	.20		.02	.06			.20
ELGIN 5 S	1.31	T			.06	T					T	T					T				.40	T				.38	.47		T			T
ELLENDALE	1.53					.24						.05						.35				.13			.64	.07	.05		T			
ENDERLIN	1.06					.03		.03										.28				.72										
EPPING	1.61	.11				.14						.93									.43											
FAIRFIELD	.49	T		T		.14															T					.15	.19	.01	T			
FARGO WB AIRPORT R //	1.08	T				.06	.01		.04			.10	T					.19			.29	.39			T	T					T	T
FESSENDEN	2.65	1.30			.19	.12	.08	.17									.05					.71			.01	.02				T		
FLASHER	1.79	.03			.08	.05						.21						.48			.09				.08	.50	.27					
FLAXTON	2.32	.01		1.09	T		.03					.10								.02	.29	T		T	.05				.36		.37	
FORBES 13 NW	1.25	T					.30											.20			.58				.14	.03						
FORMAN	1.07					.40			.02			.19	T					.17				.02			.27	T						
FORT YATES	.94				T	.03						.29					.11	.03				T				.34	.14					
FOXHOLM 7 N	.43	.12	.06				.10					.05									.06	.04										
FULLERTON	.95					.38												.32				.02			.12	.11	T					
GACKLE	1.11					.05		.15									T	.70							.10	.11						
GARRISON	1.35	.25			.62	.07	.03					T	T					.05				.12				.21			T	T		
GLEN ULLIN 13 N	1.02				T	.12						.30					T			.03		.24			.12	.16		.05				
GOLDEN VALLEY 10S	1.96											.84									.11	.24				.37	.26	.14	T	T		
GRAFTON STATE SCHOOL	2.18	.04	T		.11	.02		.10	.04			.46	.01					.35		.12	.21	.26			.46							
GRAND FORKS CAA AP	2.28			T			.05	T	T			.07					.36	.17		.01	.97	.57			.08							
GRAND FORKS UNIV	2.57	.02			T			.06	.04			.09	T					.52		.02	1.00	.75			.07							
GRAND RAPIDS 1 N	1.33	T			T	T		T	.08									.30				.67			.21	.07						
GRANVILLE	1.27	.24		.30		T	.20					.07					.03				.06	.12							.25			
GRASSY BUTTE 10N	1.64	.10	.05			.10						.99																	.30	.10		
GRENORA	1.78						.32					.60				T					T				.34		T					.52
HALLIDAY	1.28	.11		.03		.23						.33										.15				.43						
HANKINSON R R STA	.65						.38					.01							.10			.02				.08	.06					
HANNAH	1.68	.02			T	.02	.25	.09	.01			.01					.08	.01			.17	.98	.04		T							
HANSBORO	1.76			T	.05		.04	.04	.23			.19	.20				.16	T			.07	.59			.07							.12
HARVEY 3 NE	3.04	1.92			.45	.04		.20	T								.38					.05										
HETTINGER	1.51					.01														.03		.19				.94	.34					
HILLSBORO	1.63	.75					T	T	.07				.09					.28			.14	.16		T	.14						T	
JAMESTOWN CAA AP	2.04					.01	.04		.01			T	T				.70	.05				1.13			T	.10						
JAMESTOWN STATE HOSP	1.91							.02	T									.95				.87				.07						
KEENE 2 S	1.73	T	.10	.24		.32						.39									.55								.13			
KENMARE	1.17	.14	.13					.08				.35	.03				.04					.25			.05	.10						T
KENSAL WILDLIFE REF	1.83						.18		.05								.33	.71				.56										
KILLDEER 8 NW	1.97	.19		.04		.05						1.10									.29					.19		T	.11			
KULM	1.26					.16							.09					.48							.37	.16						
LANGDON EXP FARM	1.22				.03			.23	T									.10			.18	.67			.01							
LANSFORD	3.48	T	.02				.25										T				2.39	.10			T				.72			T
LARIMORE	1.27	.33			.07	T		.05					T					.31			.08	.38	.05						T			
LEEDS	1.71	.07			.14	.03	.20		.05			.05					.25				.27	.65										
LEFOR 10 E	1.99	.02										.61										.14		T	.19	.44	.45		.14			
LINTON	1.14					T						.10					.73					.12		T	.02	.14	.03					
LISBON	1.13					.20		.10										.20				.53			.10	T						
LITCHVILLE	2.04					.03		.06					.05					.49				1.34			.06	.01						
LOSTWOOD 12 N	1.69	.72	.22				.11					.02					T					.52										.10
MADDOCK AGR SCHOOL	2.23	.43			.30	T	.03	.24	.10								.18					.95			T							
MANDAN EXP STATION	1.10	.02			T		T					.23						.20			T	.30			T	.22	.10			.03		
MANDAN FT LINCOLN PARK	.91	.03			T							.33					.01					.06				.34	.12		.02			
MARMARTH	1.31	.03	.06			T															.10	.05		.02	.10	.70	.24			.01		
MARTIN	1.82	1.68															T					.14					T					
MAX	1.90	.78			.20		.30					.02										.06			.39				T	.15		
MAYVILLE	1.44	.61						.02	.06									.26				.49			T	T						
MC CLUSKY	.94	.15			.02	.06	.10	.02					.21									.30					.08					
MC HENRY 5 N	3.33	1.15			.08	.08	.04	.12	.01			.01					1.07	.25				.52										
MC LEOD 3 E	1.89					.45		.02	.09									.23				.47			.63							
MC VILLE	2.15	1.03				.04		.24	.06			.25					.33					.20										
MEDINA 1 W	1.15							.13									.07	.42				.35				.18						
MEDORA 4 NNE	1.16	T				.14						.16							T		.06	T				.11	.63	.06				
MEDORA 23 NNW	–					–						.40														T	T	T				
MINOT CAA AP	.63	.03		.04		.01	.05				.39	T					.01				.10	T			T	T			T			T
MINOT EXP FARM	2.35	1.96		T	T	.03		.06				.06					.10				T	.14			T							
MOFFIT 4 SE	1.30	.01				.03						.16					.36	.23				.03			.05	.39	.03		.01			
MOHALL	1.43	.09					.09										T				.24	.34							.67			
MONTPELIER	1.59	T				.10		.07					T					.41				.94			.04	.03						
MOTT	1.13					.09						.06					T			T	T					.56	.42					
MUNICH 4 SW	2.04	T			.07		.07	T				.55					.13				.09	1.13			T							
NAPOLEON 1 SE	.79	T				.04						.05					.24	.10				.05			.13	.18						
NEW ENGLAND	2.52	.04				.12						.07								.05	.20	.10			.05	1.17	.65		.07			
NEW ROCKFORD 7 WNW	1.83	1.18			.30	T		.19				T					.16															
NEW SALEM 1 S	.88				T	.01						.28						T				.17			T	.27	.15					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN	1.18	.02		.70		.22	.03										T					.07			.07	.02			.05			
NOONAN	.67	.16		.28																	.05				.18							
NORTONVILLE	2.39							.10										.39				1.23			.63							
OAKES	1.04					.23	.16			.02		T						.06				.03			.44	.10	.10					
PARK RIVER	3.64	.11			.12	T	T		T			.29	T					.72			.93	1.47			T							
PARSHALL	2.11	1.31		.34	.03	.17		T									T				.09	.01			T	.10	T		.06			
PEMBINA 2 N	1.87	T			.08			T				.10	.30					.51			.12	.23			.42				.11			
PETERSBURG	1.49	.07			.19	.02		.12	.04			.03						.32			.02	.38	.08		.22							
PETTIBONE	.97	T				.05		.05										.24			.03	.48			.08		.04					
PINGREE	1.93							.13	.05								.78					.73			T	.05		.05				.14
PORTAL	2.57	.07	T		.07	.01	.04	.03				1.63	.06				T					.27			.01	.04			.27			.07
POWERS LAKE 1 N	.78	.14				.03	.08										T				.35				.12						T	.06
PRETTY ROCK	2.15				.03											T					.03				T	1.72	.37	T		T		
REEDER	2.95																				.20	1.00				1.50	.25					
REEDER 14 N	2.03					.06						.02						T			.04	.13				1.18	.58		.02			
RICHARDTON ABBEY	2.56	.06			.83	.12						.73					.01		.01		.01	.20		T	T	.29	.30	T	T			
RIVERDALE	1.05	T	T		.20	.03	.04	T				.02						.10				.09				.57	T	T	T			T
ROLLA	2.39	.01		.30	.11		.05	.10	.02			.29	.04				.06				.03	1.37	T		.01							
RUGBY	1.05	.18	.01		.12		T	.15	.02								.10				T	.47										
RYDER	.64			.31	.06	.08		T			T	.14						T				T				.05						
SAN HAVEN	1.46	T		.30	.15	.05	.15	T				.40	T				.07				.05	.24			.05							
SCRANTON	2.12			T	T							T							.25	.01	.46	.03				.96	.25			.16		
SELFRIDGE 11 W	2.80			.21										T				.59		T						1.65	.35					T
SENTINEL BUTTE 20 S	1.78	.13				.19						.22					T		.18		T					.30	.68	.04	.04	T		
SHARON	.84				T			.06	T									.38			T	.40										
SHERWOOD 3 N	.97	.07		.06	.02		.07			T							.08			T		.42			.02	T		.15			.08	
SHIELDS	1.60					.14						.59					.27						.02			.16	.42					
STANLEY	.83	.10		T		.04		.08													.61											
STEELE	.62	T				T		T				T					.30				T					.32	T		T			
SYKESTON	.82	.21						.20	T									.16				.25									T	
TAGUS	.44		.13	T		.01		.08				.05				T					.05	.02			.10							
TIOGA	1.10	.40				.05															.65										T	
TOLLEY 5 NNE	2.75	.05	.09	.05			.51										.10				.30	.42			.12			.10	.34			.67
TOWNER	.47						.28																	.19								
TROTTERS 6 WNW	.54	.06				.06															.12					.04	T	.12	.08	T	.06	
TURTLE LAKE	.59	.11		.04	T	.06						.03					.05					.23				.07						
TUTTLE	1.38					T		.05				.05	.12				.20	.06				.45				.04		.41	T			
UNDERWOOD	.83	.01			T	.02	.09					.03										.27				.41		T				T
UPHAM 3 N	1.21	T			.09	.03	.11	.06									.10				.11	.71										
UPHAM 3 W	1.60			.12	T	.18	.14														.84	.32							T			
VALLEY CITY	.86					.05		.15	.16									.15				.35										
VELVA	2.71	1.90		.08	.04	.03		.06				.01	.02				T					.57			T				T			
VERONA	.57					.20		.04	T									.12			.02				.15	.04						
WAHPETON STATE SCHOOL	1.30					.52			T	.04		.03	.03					.26				.29			.11	T	.02					
WALHALLA	3.59				.17		.07	.08		T		.22					1.11	.48			.26	.60			.60							
WARWICK	3.17	1.74	.26	.72					.05													.40										
WASHBURN	.91	.02			T	.03	.11					.11					.06					.24				.24	.10					T
WATAUGA 8 N S OAK	2.37			T		T											.48			T		T		T		1.27	.62					
WATFORD CITY	1.58	.12			.12	.12						.92													.10	.05			.15			
WATFORD CITY 14 S	1.34	.05		T		.10						.55									.64	T						T				
WESTHOPE	.92	.04		.13	.11	.05	.15					.04										.33			.07							
WILDROSE	3.52	2.62				.13	.06														.19				.06	T						.46
WILLISTON WB CITY R //	.96	.22		T		.13	T				.57						T				T			T	T	.02			.02		T	
WILLOW CITY	1.38				.03	T	.26					.10					T				.32	.67			T					T		
WILTON RR STATION	.62	.04			T	.03	T					.15						.04				.15				.06		.15		T		T
WISHEK	1.63				.09							.04					1.15	.13							.08	.14	T					
WOODWORTH 5 E	.82					.03		T										.16				.50				.13						
ZAHL	2.21	.11				.10						.46					T				.28				.20							1.06

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1953

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	78	78	81	74	74	78	71	75	77	86	87	84	85	83	87	74	82	89	94	89	80	79	75	88	77	79	84	78	82	85	85	81.2
	MIN	64	53	56	55	53	48	49	46	49	56	61	61	56	61	61	54	50	58	64	69	58	52	52	57	57	52	60	62	51	60	65	56.5
AMENIA	MAX	79	83	81			72	68	73	78	82	89	82	79	85	85	89	82	86	92	93	78	75	74	81	84	79	83	86	83	87	87	81.9
	MIN	54	58	62	63	51	51	50	49	49	48		65	60	58	60	64	60	55	55	65	60	55	49	51	62	57	51	67	52	49	57	56.2
AMIDON	MAX	74	74	77	83	70	71	78	76	79	83	90	85	83	87	89	92	77	84	94	96	89	79	81	82	94	81	78	84	77	79	86	82.3
	MIN	62	47	56	53	51	45	48	47	45	46	60	56	57	57	60	61	46	59	60	62	51	50	50	58	59	53	59	61	55	60	65	54.8
ARVILLA STATE PARK	MAX	81	75	82	76	73	75	74	71	81	83	89	81	80	87	85	88	85	85	89	90	84	71	73	79	80	79	82	82	83	88	89	81.3
	MIN	56	57	49	61	52	51	47	48	40	48	64	67	55	47	62	66	59	57	61	56	60	55	40	50	58	53	48	68	50	49	54	54.5
ASHLEY	MAX	79	76	80	70	65	74	68	72	75	82	82	82	82	83	85	86	78	83	93	87	75	77	70	83	81	78	83	82	81	81	87	79.4
	MIN	66	53	55	55	51	50	51	46	42	56	62	58	53	53	61	61	56	53	61	60	61	52	44	56	63	58	55	65	52	54	63	55.7
BEACH	MAX	75	75	79	86	71	72	78	71	76	81	93	86	84	87	90	95	76	83	94	95	92	78	81	86	91	76	78	87	78	79	90	82.7
	MIN	60	49	56	50	51	43	47	41	49	56	58	55	56	58	62	61	44	57	54	66	47	43	52	59	58	53	56	62	51	61	64	54.2
BELCOURT INDIAN RES	MAX	78	75	80	69	71	73	63	69	74	80	84	81	79	81	84	79	81	85	83	85	80	69	72	75	75	77	79	78	79	86	83	77.6
	MIN	56	53	46	55	48	42	45	44	40	46	58	59	54	52	60	63	49	54	58	55	54	52	39	54	56	45	46	63	49	47	55	51.5
BELFIELD	MAX	73	78	84	76	72	77	75	76	78	88	84	84	85	90	90	85	89	91	94	88	79	82	83	87	81	78	84	82	84	85	86	82.8
	MIN	59	48	50	61	51	42	44	48	42	49	55	54	53	59	58	56	55	55	51	60	56	49	53	64	59	52	62	62	63	61	58	54.5
BISBEE	MAX	78	76	83	71	73	73	63	69	76	85	84	79	84	86	82	83	84	89	87	87	83	70	74	78	76	78	82	80	80	87	87	79.6
	MIN	55	52	49	57	48	47	45	47	46	50	58	57	58	57	63	60	50	55	62	55	58	52	47	54	56	51	52	63	49	51	56	53.5
BISMARCK WB CITY	MAX	80	78	79	77	72	73	77	66	75	77	87	87	83	85	84	88	76	82	91	94	90	79	78	75	86	78	81	85	80	84	86	81.1
	MIN	66	57	58	57	57	52	54	50	48	59	63	64	60	63	63	70	54	60	64	64	62	55	52	60	61	55	60	68	54	63	66	59.3
BISMARCK WB AIRPORT	MAX	81	80	85	73	73	76	70	75	79	88	87	85	86	87	90	78	82	91	95	93	80	79	75	88	81	80	87	82	83	89	90	82.8
	MIN	58	55	58	60	53	49	51	48	47	59	64	62	59	61	63	58	51	56	65	61	57	51	47	58	62	58	60	60	52	59	66	57.0
BOTTINEAU	MAX	75	73	75	82	69	72	73	65	71	73	81	84	82	80	83	86	75	81	90		84	72	71	76	74	76	77	80	78	81	85	77.5
	MIN	58	50	55	54	47	43	44	52	45	52	57	59	54	57	60	64	47	52	57	56	54	50	47	51	55	49	54	62	46	54	61	53.1
BOWBELLS	MAX	73	73	76	80	67	71	74	66	73	75	84	82	82	82	85	88	76	83	91	85	82	72	72	78	75	72	77	82	75	79	86	77.9
	MIN	58	53	57	50	52	48	46	47	48	58	59	58	57	60	62	61	51	60	55	58	53	50	48	56	48	50	57	59	48	54	61	54.3
BOWMAN COURT HOUSE	MAX	76	77	84	83	73	79	78	75	80	91	86	84	87	89	92	90	82	84	93	89	78	82	80	90	88	78	85	86	80	85	86	83.5
	MIN	60	47	55	52	53	44	50	44	47	52	58	55	55	57	59	60	45	55	56	60	51	47	51	60	56	51	59	65	56	59	64	54.3
BUTTE	MAX	77	75	74	82		72	72	66	72	74	85	84	83	82	83	87	73	82	88	88	88	74	72	78	83	76	78	86	80	81	87	79.4
	MIN	57	56	57	57		51	48	51	48	59	60	60	56	62	64	68	53	58	62	60	58	52	48	60	58	54	60	64	48	57	64	57.0
CARRINGTON	MAX	80	80	75	83	70	73	71	64	70	76	85	87	82	80	84	88	87	83	89	89	90	77	74	74	85	82	80	83	82	83	84	80.3
	MIN	51	53	52	51	48	50	45	45	43	54			53	52	54	59		55	55	59	60	55	45	52	54	53	55	56	50	53	54	52.4
CARSON NO 2	MAX	75	77	76	80	74	70	74	69	77	77	85	85	80	83	83	87	70	78	81	91	88	78	77	70	85	76	77	83	76	81	83	78.9
	MIN	64	53	56	56	55	48	52	47	51	58	61	60	58	63	63	65	50	59	58	58	57	49	52	50	59	55	56	61	55	61	60	56.5
CAVALIER	MAX	82	76	84	77	78	76	72	72	78	83	84	80	78	85	85	90	85	86	86	84	83	73	73	73	79	77	80	81	81	86	87	80.5
	MIN	58	57	50	50	52	51	46	51	48	49	63	63	56	56	60	65	52	58	63	57	61	57	45	55	58	54	53	65	56	52	57	55.4
CENTER	MAX	75	76	82	69	72	76	69	73	78	85	79	83	85	85	88	81	82	90	92	89	77	75	70	90	91	79	85	80	82	86	88	81.0
	MIN	63	55	61	51	52	46	48	41	40	55	63	59	51	55	51	55	45	53	57	55	53	48		56	56	56	57	64	45	55	64	53.7
COOPERSTOWN	MAX	83	75	80	79	72	74	73	70	77	85	89	85	80	86	88	90	82	87	91	94	84	75	76	85	83	79	83	86	88	88	90	82.5
	MIN	60	54	53	62	52	49	46	43	44	50	62	60	57	53	61	64	57	55	60	62	60	53	45	53	54	56	54	66	46	50	56	54.7
CROSBY	MAX	73	73	80	80	72	76	69	73	76	86	83	88	84	87	90	85	83	91	83	87	73	72	81	76	75	76	87	84	80	89	83	80.5
	MIN	57	52	55	50	54	50	45	46	49	55	57	59	57	62	64	59	52	54	56	60	52	49	51	58	50	52	58	57	49	49	57	54.0
DEVILS LAKE W B CITY	MAX	77	74	83	69	73	73	64	68	75	83	86	82	78	84	87	85	84	90	90	90	75	71	75	85	78	77	82	82	83	89	87	80.0
	MIN	59	55	53	55	52	51	46	47	46	52	66	57	55	54	62	61	55	62	65	59	58	51	48	55	62	55	57	60	54	54	62	55.7
DICKINSON CAA AP	MAX	75	78	83	70	71	77	70	73	79	88	85	82	86	89	92	78	82	93	93	90	76	77	80	85	75	77	83	78	77	85	84	81.0
	MIN	55	51	55	51	52	46	47	45	48	58	60	58	58	60	61	52	47	55	57	60	53	49	52	60	56	54	60	60	55	61	62	54.8
DICKINSON EXP STATION	MAX	74	75	77	83	70	71	77	69	74	79	89	83	82	84	88	90	78	82	93	93	88	76	78	80	85	75	76	83	79	80	86	80.5
	MIN	61	51			52	46	51	42	44	57	52	63	53	61	61	63	42	57	53	59	53	45	50	60	58	54	60	63	51	61	61	54.6
DRAKE	MAX	79	76	75	81		73	73	66	72	75	84	85	83	82	85	87	71	83	89	90	88	75	72	77	84	76	78	84	78	82	86	79.6
	MIN	59	55	56	59		58	47	52	52	56	63	60	53	60	62	67	54	57	65	61	60	60		65	60	56	58	62	50	58	63	58.2
DUNN CENTER	MAX	74	76	79	88	73	81	77	71	77	79	89	84	84	85	87	90	80	83	93	93	90	79	79	80	89	77	79	85	81	83	88	82.4
	MIN	59	50	48	52	50	43	44	38	49	53	55	55	53	55	60	60	43	50	53	53	47	45	42	50	55	52	58	59	43	51	60	51.1
ECKMAN	MAX	75	75	75	82	77	78	75	67	71	75	85	85	83	82	87	90	79	88	90	91	87	74	72	78	76	75	78	80	72	80	87	79.6
	MIN	58	53	54	50	49	48	45	48	46	55	63	58	57	59	61	63	48	57	57	55	55	53	45	56	50	52	50	61	47	51	61	53.7
EDGELEY EXP FARM	MAX	79	79	74	80	72	71	74	67	71	75	83	87	80	81	83	86	87	80	85	94	91	79	78	72	81	83	80	84	86	82	85	80.3
	MIN	64	64	52	61	51	50	51	49	45	49	61	63	57	53	56	61	58	51	58	60	60	53	45	53	60	57	52	65		57	59	55.8
EDMORE 1 W	MAX	80	75	82	70	72	75	67	71	70	82	87	83	80	85	87	87	84	86	89	85	90	70	68	79	75	75	78	78	80	85	83	79.0
	MIN	58	52	50	55	46	45	42	43	40	45	63	55	50	47	58	64	51	50	60	50	60	49	38	53	55	47	52	63	45	50	55	51.3
ELBOWOODS	MAX			86	70	72	78	73	74	80	86	84	83	85	87	90	78	85	94	94	92	78	76	80	88	79	80	88	80	85	90	87	82.8
	MIN		54	52	55	52	44	49	43	44	57	57	59	54	61	62	60	44	57	58	60	53	55	46	56	56	56	62	61	44	52	64	54.2
ELLENDALE	MAX	81	77	80	78	70	75	69	72	77	83	89	85	82	86	88	87	81	85	96	91	85	80	76	85	85	81	84	87	84	84	87	82.3
	MIN	62	59	56	62	54	53	54	54	49	54	63	63	59	57	61	64	60	55	62	65	60	56	47	55	65	59	58	66	55	56	64	58.3
ENDERLIN	MAX	83	84	82	83	76	72	76	67	74	78	87	88	82	81	87	88	89	82	87	93	92	78	77	75	80	85	80	85	88	83	88	82.3
	MIN	65	56	52	54	50	51	49	47	48	47	54	62	61	53	58	62	61	53	54	67	60	53	48	51	51	59	50		50	53	53	54.4
EPPING	MAX	72	77	82	77	72	75	68	78	78	89	91	84	85	85	90	85	84	92	91	87	73	78	81	78	78	78	88	88	83	90	93	82.3
	MIN	57	50	55	51	52	45	47	46	50	57	57	59	60	61	63	61	52	58	57	63	49	48	50	61	56	50	62	60	50	57	63	55.1
FARGO WB AIRPORT	MAX	82	75	82	77	72	76	68	69	77	85	87	81	80	86	87	90	81	88	91	95	78	77	74	82	84	78	84	87	84	88	88	81.7
	MIN	65	59	53	57	53	54	51	49	47	53	66	65	62	57	63	68	62	58	63	67	60	55	48	58	62	58	56	60	53	54	62	58.0
FESSENDEN	MAX	78	76	81	74	71	73	72	73	76	85	85	83	81	85	87	81	84	88	89	90	87	74	73	88	80	79	84	81	83	84	88	81.1
	MIN	57	53	53	59	52	49	50	50	45	51	59	59	54	54	57	61	50	54	62	59	59	52	44			53	53	66	45	51	58	54.1
FORMAN	MAX	87	77	82	77	70	76	73		78	86	88	82	81	87	88	89	82	86	96	92	86	80	77	81	85	85	86	91	84	87	88	83.6
	MIN	69	57	55	62	52	52	55		48	52	63	62	63	55	60	67	62	55	58	68	62	51	49	52	65	58	53	68	56	58	62	58.3
FORT YATES	MAX	78	79	81	80	73	78	77	77	78	85	88	84	86	84	87	82	82	89	96	90	89	82	78	87	86	81	81	82	83	84	88	83.1
	MIN	68	54	54	63	53	50	56	41	42	60	63	62	57	60	60	63	52	56	60		62	51	50	60	63	60	59	63	53	59	67	57.4
FOXHOLM 7 N	MAX	72	75	82	78	72	74	74	73		85	84	84	87	87	90	87	84	93	93	86	83	75	81	82	79	83	84	81	82	89	89	82.3
	MIN	59	56	53	55	54	51	50	50		54	56	61	63	57	58	64	55	57	60	57	55	55	45	57	52	56	54	63	47	51	64	55.6
FULLERTON	MAX	81	77	82	74	72	75	68	76	79	86	90	82	84	86	89	89	81	86	96	91	79	79	78	82	85	82	85	89	84	87	91	82.7
	MIN	68	56	55	61	54	54	54	52	46	54	64	62	59	54	59	65	61	55	60	64	62	55	47	56	64	59	55	67	54	59	62	58.0

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5 - Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GACKLE	MAX	80	76	83	79	71	74	67	73	76	84	87	84	83	84	87	87	80	87	93	87	83	74	74	80	82	84	84	81	83	86	87	81.3
	MIN	62	56	54	64	54	52	51	52	46	51	62	61	56	56	61	61	56	56	64	61	56	51	49	56	61	61	56	66	61	58	62	57.2
GARRISON	MAX	78	74	76	83	69	71	74	65	73	77	86	85	84	86	85	89	77	82	91	89	90	74	76	78	87	76	79	86	81	82	87	80.3
	MIN	60	54	50	54	56	49	46	46	50	55	61	59	56	60	61	66	50	57	58	62	54	54	50	56	57	55	61	62	48	55	63	55.6
GRAFTON STATF SCHOOL	MAX	84	80	85	74	75	76	75	74	77	83	86	82	82	86	87	91	89	87	89	86	77	71	74	77	77	78	81	84	83	88	89	81.5
	MIN	55	53	46	56	46	47	43	46	42	46	60	58	53	49	59	62	55	55	58	53	57	53	40	49	50	50	47	63	46	47	54	51.5
GRANO FORKS CAA AP	MAX	82	75	83	73	74	75	66	71	79	84	88	82	79	88	86	91	84	87	92	88	77	71	74	80	81	77	82	83	84	90	91	81.2
	MIN	60	56	55	54	50	51	48	46	45	51	64	59	58	56	63	61	61	60	61	59	58	52	45	53	59	54	52	55	51	52	61	55.2
GRANO FORKS UNIVERSITY	MAX	81	76	82	77	74	76	71	70	76	83	87	81	79	86	85	89	83	86	89	89	79	71	72	78	80	75	80	83	84	87	88	80.5
	MIN	62	59	55	64	52	52	55	48	47	53	66	62	58	59	63	69	62	59	63	59	63	56	47	47	61	57	55	69	52	54	62	57.7
GRANO RAPIOS 1N	MAX	82	77	81	81	78	78	74	76	77	85	92	84	83	86	88	88	82	86	96	92	84	77	74	81	83	82	86	88	83	85	89	83.2
	MIN	64	53	50	61	50	52	49	46	44	49	62	62	58	53	56	64	59	59	67	63	59	53	45	55	64	59	54	66	49	53	60	56.1
GRANVILLE	MAX	76	73	82	72	73	74	65	71	74	84	83	83	81	84	87	84	82	89	87	87	82	78	78	81	77	76	81	78	80	86	86	79.8
	MIN	60	56	57	57	56	49	49	51	50	57	62	68	60	61	61	59	53	57	62	60	57	54	49	58	58	55	57	54	50	55	63	56.6
GRENORA	MAX	67	69	70	75	78	82	68	74	77	88	78	81	84	87	88	80	75	91	84	80	78	75	83	80	77	76	88	80	81	91	85	79.7
	MIN				45		44	45	52	48	58	59	64	57	61	67	64	52	58	57	59	48	47	50	59	55	50	61	57	47	55	61	54.8
HANKINSON R R STATION	MAX	93	86	76	84	83	70	80	69	74	72	87	89	85	82	86	86	88	81	88	94	94	84	80	75	83	88	83	85	91	84	84	83.4
	MIN	70	60	56	64	52	55	56	51	52	50	62	64	63	60	60	64	63	60	61	61	63	60	50	54	58	57	55	62	59	60	62	58.8
HANNAH	MAX	77	72	82	75	72	72	64	70	75	82	85	81	76	84	87	83	83	88	85	84	80	69	73	74	75		80	78	78	88	84	78.5
	MIN	53	51	50	57	44	46	42	46	41	48	60	57	52	46	60	63	48	55	58	54	58	52	39	54	50		51	64	45	46	55	51.5
HANSBORO	MAX		77	81			72	63	69	76	81	84	80	77		84	79	81	86	85	86	77	69	73	72	75	77	81	80	79	86	84	78.3
	MIN		56	50			46	45	45	43	48	60	59	54		56	63	51	50	59	56	56	53	43	54	52	48	51	65	51	57	58	52.9
HETTINGFR	MAX	76	77	81	71	72	78	70	72	78	88	78	82	85	86	89	75	81	90	90	88	78	80	78	85	78	72	81	75	79	84	80	79.9
	MIN	61	49	56	56	55	46	50	46	46	56	57	56	53	60	62	59	45	58	58	61	57	46	51	58	59	56	56	57	56	60	64	55.7
HILLSBORO	MAX	79					76	70	71	78	89	88	81	80	86	85	90	87	86	90	91	80	79	82	83	79	78	81	85	85	88	89	82.8
	MIN	61					54	49	48	48	51	57	56	59	61	63	65	59	58	62	65	64				69	67	51	68		50	61	58.5
JAMESTOWN CAA AP	MAX	82	75	79	69	71	72	65	71	75	83	87	83	82	83	85	88	81	85	90	90	75	74	72	80	81	78	83	80	82	87	87	79.8
	MIN	59	57	53	54	54	54	50	48	45	50	63	61	58	52	61	58	57	55	60	64	59	52	47	55	61	56	54	55	49	54	61	55.4
JAMFSTOWN STATF HOSP	MAX	83	74	82	77	72	75	73	70	78	86	89	83	82	85	89	90	81	89	92	94	84	74	74	81	82	80	85	82	84	88	89	82.2
	MIN	60	57	55	60	55	53	51	50	49	51	65	62	59	55	62	66	58	54	61	65	59	54	48	56	53	57	52	67	52	55	61	56.8
KENMARE	MAX	74	73	76	84	69	73	75	67	74	77	86	82	83	83	86	90	77	85	93	87	84	72	73	80	75	76	80	83	77	82	88	79.5
	MIN	56	51	55	51	52	48	45	45	48	57	60	57	54	59	62	59	53	60	50	56	51	50	45	55	48	47	57	59	49	53	61	53.3
KENSAL WILOLIFE RFFUGF	MAX	82	77	80	73	68	75	66	72	78	83	88	82	81	85	86	87	85	85	91	89	78	78	77	82	81	79	84	83	86	88	89	81.2
	MIN	58	54	54	61	48	47	46	42	42	50	59	59	54	48	61	63	53		68		63	57			66	62		60	46	50	60	55.0
LANGOON EXP FARM	MAX	79	75	82	79	73	74	72	71	75	82	87	85	78	85	87	88	84	89	87	85	82	70	72	75	78	78	79	80	79	86	88	80.1
	MIN	54	50	50	58	44	47	42	49	42	50	62	57	50	47	61	65	49	53	59	53	58	51	40	53	53	46	53	63	43	50	54	51.8
LARIMORE	MAX	83	75	81	75	73	73	72	70	76	82	88	81	79	84	86	89	84	85	86	90	86	71	70	80	82	77	81	84	84	86	88	80.7
	MIN	60	57	52	53	53	51	57	49	47	60	65	61	53	51	55	61	59	59	52	58	61	55	44	54	52	56	51	69	50	52	59	55.4
LEEOS	MAX	77	75	82	75	72	72	64	69	75	83	85	82	80	83	87	83	82	88	89	88	84	72	75	83	82	77	81	80	81	88	88	80.1
	MIN	59	58	52	58	50	48	45	46	43	52	62	58	54	51	60	65	52	58	64	56	47	53	45	59	58	50	54	61	48	49	56	53.9
LINTON	MAX	79	80	82	73	73	78	74	77	78	86	88	85	87	86	89	83	83	88	96	91	80	80	71	88	84	83	85	84	84	86	89	82.9
	MIN	62	53	57	63	54	46	55	44	44	60	65	60	56	58	64	63	53	57	63	58	62	48	48	60	60	60	59	64	52	58	65	57.1
LISBON	MAX	79	78	80	79	71	73	72	64	78	85	87	85	82	87	85	89	81	87	91	92	90	79	78	80	87	85	84	88	84	88	88	82.5
	MIN	63	54	49	60	48	50	50	45	45	47	64	61	61	54	62	65	62	54	55	68	62	54	53	51	65	58	51	67	54	54	61	56.4
LOSTWOOD 12N	MAX	72	73	80	74	76	73	67	71	73	82	84	79	82	84	87	80	80	88	87	82	74	70				77	87	81	79	86	85	79.0
	MIN	56	50	53	54	49	46	46	44	46	56	56	57	53	60	60	53	49	56	55	56	51	49				48	56	58	46	52	63	52.8
MAOOOCK AGR SCHOOL	MAX	78	75	83	77	72	72	70	71	76	82	85	85	80	87	86	82	83	90	90	91	86	73	74	86	80	79	80	81	82	87	88	81.0
	MIN	58	54	50	59	52	49	46	49	46	51	63	58	55	53	60	63	51	54	64	60	61	54	46	55	60	53	53	67	48	52	59	54.9
MANOAN EXP STATION	MAX	80	78	76	82	69	72	76	67	72	77	85	85	83	84	86	88	76	80	89	93	91	78	76	73	85	78	80	85	80	82	87	80.4
	MIN	64	54	54	60	56	49	51	46	45	58	62	62	58	60	59	69	50	57	63	59	60	52	47	56	61	58	59	65	52	58	64	57.0
MANOAN FT LINCOLN PARK	MAX	79	79	85	80	75	78	76	75	79	88	87	85	88	86	89	84	85	92	95	92	86	78	76	89	87	82	87	83	85	88	90	84.1
	MIN	65	55	54	60	57	48	54	48	45	59	60	63	56	58	60	58	50	55	63	58	61	52	45	46	60	56	57	65	52	56	64	56.1
MARMARTH	MAX	76		88	75	75	81	75		81	92	88	85	88	93	96	88	85	95	96	92	80	83	83	93		78	88	80	80	88	89	85.4
	MIN	64		56	53	55	43	48		53	58	58	53	57	58	67	64	44	55	55	62	52	43	57	62		57			57		62	55.7
MAX	MAX	78	75	78	82		72	77	68	75	78	85	86	83	88	85	88	78	84	88	92	89	71	78	85	82		79	84	78	83	86	81.2
	MIN	60	50	54	56		48	49	45	45	55	62	59	60	60	59	65	53	54	58	64	55	51		57	56		56	63	52	57	57	55.7
MAYVILLE	MAX	84	75	82	79	72	73	73	66	77	84	88	83	85	85	84	89	84	86	89	93	86	74	72	83	81	76	82	84	80	88	88	81.5
	MIN	61	58	59	64	53	53	50	47	46	49	66	63	55	59	61	66	60	59	62	64	61	58	46	54	61	57	52	69	52	50	58	57.2
MC CLUSKY	MAX	75	74	82	75	71	73	72	71	77	86	85	84	85	86	89	84	83	89	90	92	85	73	72	91	83	75	88	83	82	88	90	81.7
	MIN	62	55	58	57	58	49	48	49	49	56	63	58	58	60	63	64	53	55	63	60	60	58	48	60	59	54	60	67	50	58	61	57.2
MC HENRY 5 N	MAX	80	72	78	70	70	71	64	69	74	82	85	81	78	82	86	86	81	82	85	88	78	71	72	83	78	76	80	80	81	84	87	78.5
	MIN	55	55	53	57	49	49	45	44	46	61	59	58	56	53	60	59	55	57	60	60	59	52	43	53	59	53	53	66	47	49	58	54.3
MC LEOO 3 E	MAX	85	77	80	78	72	75	75	73	77	82	86	85	83	88	87	88	81	86	83	86	92	79	76	79	85	87	82	90	85	86	85	82.4
	MIN	67	57	51	59	51	52	52	48	48	52	63	62	61	56	52	53	62	54	59	62	64	52	48	48	53		53	67	53	58	57	55.8
MEOORA 4 NNE	MAX	79	80	87	83	73	80	78	77	81	94		86	89	91	95	91	86	97	95	93	83	82	86	89	86	79	87	87	80	90	90	85.8
	MIN	63	50	49	54	53	41	46	39	42	53		53	52	65	65	64	42	52	50	62	51	40	56	64	61	55	64	64	50	65	68	54.4
MINOT CAA AP	MAX	72	73	82	68	72	73	65	70	75	85	83	82	81	85	88	78	82	91	86	87	72	72	78	78	75	75	81	80	80	87	88	78.8
	MIN	59	57	57	56	54	49	51	50	54	57	62	61	60	60	61	57	55	62	62	61	57	56	52	60	58	54	57	56	52	55	66	57.0
MINOT EXP FARM	MAX	74	75	81	75	72	75	66	71	75	84	83	82	82	84	88	84	82	90	89	87	81	72	78	81	75	76	82	82	81	86	86	80.0
	MIN	57	54	57	54	55	48	48	48	49	57	63	59	58	59	61	60	52	60	59	59	54	50	48	48	55	52	56	62	49	54	64	55.1
MOFFET 4 SE	MAX	76	74	80	79	71	72	74	71	74	81	82	81	79	82	90	88	78	85	88	87	87	75	73	81	80	76	80	80	76	81	82	79.5
	MIN	64	50	52	59	49	46	51	41	40	56	60	61	52	56	59	59	49	50	60	59	60	47	47	47	60	55	57	61	47	53	61	53.8
MOHALL	MAX	72	76	85	75	71	74	68	74	75	84	83	85	82	85	89	84	86	92	88	86	80		74	75	81	80	82	84	83	85	85	80.8
	MIN	57	53	54			47	45	47	46	53	62	58	52	59	58	62	57	51	55	54	48	52	46	48	47	49	46	50	49	51	60	52.3
MOTT	MAX	77	78	81	72	74	78	70	73	79	86	85	81	85	85	88	75	82	90	93	88	79	79	79	86	78	77	83	76	79	84	81	80.7
	MIN	60	50	53	57	52	45	49	44	45	56	61	55	52	59	59	64	43	53	58	57	55	43	45	60	60	53	58	65	53	58	62	54.3
MUNICH 4 SW	MAX	74	73	79	73	69	70	68	67	72	79	81	80	77	80	83	81	80	85	83	85	81	70	69	74	75	75	78	78	79	84	84	77.0
	MIN	54	50	49	57	44	46	44	41	43	47	60	56	51	50	58	61	49	52	58	56	53	52	41	54	54	48	49		45	40	54	50.8

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON 1 SE	MAX	79	78	80	75	70	74	70	76	76	83	89	85	85	84	87	85	79	86	94	90	82	80	73	83	80	78	85	86	85	86	87	81.6
	MIN	64	55	53	63	51	49	48	49	42	55	62	61	50	53	60	61	54	51	63	60	60	52	42	57	62	58	57	63	49	55	61	55.5
NEW ENGLAND	MAX	75	77	83	76	77	78	77	73	78	85	86	84	85	87	90	83	82	91	94	84	80	78	80	86	84	77	83	81	79	84	83	81.9
	MIN	63	52	52	52	50	45	49	47	42	58	58	56	53	57	59	62	45	51	55	59	52	48	44	60	59	54	59	61	53	58	64	54.1
NEW SALEM 1 S	MAX	77	78	78	71	72	82	68	73	76	86	85	82	84	85	88	77	88	90	92	90		77	73	81	77	78	85	79	81	87	85	80.8
	MIN	56	57	51	57	51	54	50	43	49	52	57	62	57	62	60	62	52	50	55	56	52	50	42	55	60	53	56	60	52	57	64	54.6
NEWTOWN	MAX	73	77	84	71	71	75	70	75	76	85	84	85	85	86	90	85	84	94	93	90	84	79	79	85	78	78	87	85	82	89	87	82.1
	MIN	59	53	55	53	53	48	49	48	49	58	60	63	56	60	59	63	48	55	57	63	53	49	49	58	56	55	61	62	49	59	65	55.6
OAKES	MAX	81	80	75	80	75	73	73	67	70	74	83	86	80	79	83	86	87	79	83	93	90	77	77	73	80	82	78	83	87	80	85	80.0
	MIN	67	57	55	63	53	54	55	51	50	52	64	64	59	56	61	66	61	53	61	68	62	55	46	55	60	60	56	63	56	58	62	58.2
PARK RIVER	MAX	80	80	82	80	75	75	75	71	77	82	85	81	78	85	87	89	84	86	87	85	84	74	72	77	79	77	79	82	83	87	86	80.8
	MIN	60	57	53	62	51	51	47	51	46	55	65	63	57	54	60	65	58	61	67	57	61	57	46	52	59	55	55	68	54	53	56	56.6
PARSHALL	MAX	73	75	81	73	71	74	73	73	76	85	84	84	85	85	89	85	82	92	90	89	74	74	78	83	77	78	85	82	81	87	84	80.7
	MIN	59	51	54	53	52	45	45	44	48	58	60	57	53	61	57	62	45	56	53	63	49	45	47	58	50	54	62	60	44	51	64	53.5
PEMBINA 2N	MAX	82	82	85	85	76	76	76	74	80	84	84	84	84	86	87	90	90	87	88	88	86	78	75	75	73	79	82	82	82	88	88	82.5
	MIN	57	56	45	48	45	50	46	45	42	48	63	56	53	53	64	68	59	58	63	56	61	54	38	53	50	53	50	66	49	43	59	53.3
PETERSBURG	MAX	85	76	80	75	72	73	71	70	76	80	89	85	78	82	84	87	84	85	88	89	89	72	72	77	80	80	79	82	83	86	86	80.5
	MIN	61	54	51	60	49	48	45	45	46	51	63	57	51	53	60	66	55	57	62	57	60	52	45	52	59	54	55	67	47	53	56	54.5
PETTIBONE	MAX	84	75	81	79	71	73	70	71	75	83	87	82	81	83	85	86	81	89	92	90	88	74	73	80	80	79	82	80	83	85	88	81.0
	MIN	62	59	61	59	61	52	50	50	48	55	67	62	58	56	63	65	53	57	63	62	61	55	48	61	56	52	59	63	59	61	61	58.0
PORTAL	MAX	71	73	76	79	67	71	73	67	74	77	86	80	82	84	86	88	76	83	91	85	85	73	72	80	76	74	78	83		77	87	78.5
	MIN	55	51	56	50	54	47	44	49	50	58	59	56	58	60	60	60	51	60	57	58	50	48	49	50	50	49	57	57		48	57	53.6
POWERS LAKE 1N	MAX	71	73	84	75	71	77	70	73	76	85	83	84	84	87	90	83	81	92	84	84	78	77	81	75	75	73	80		80	87	83	79.9
	MIN	57	50	55	50	49	45	45	45	49	55	58	53	55	68	63	61	47	59	55	59	50	45	49	59	50	49	57	59	45	53	61	53.4
RICHARDTON ABBEY	MAX	76	78	82	80	72	76	74	73	79	87	84	83	86	85	88	85	83	91	95	88	81	77	78	88	82	78	83	82	81	86	84	82.1
	MIN	61	52	55	53	52	47	51	45	47	56	59	62	61	60	60	61	50	55	62	63	54	49	50	59	56	53	59	62	56	59	63	55.9
RIVERDALE	MAX	77	76	75	83	69	72	75	66	72	76	86	85	84	85	85	88	75	84	91	91	89	78	75	77	88	75	77	85	80	86	87	80.4
	MIN	61	55	59	56	54	50	50	47	49	57	63	60	56	60	61	67	50	55	62	63	57	54	48	58	56	54	60	61	51	58	62	56.6
ROLLA	MAX	76	73	83	68	71	72	62	68	75	82	84	81	75	82	85	79	82	88	84	85	81	69	72	74	76	76	80	78	79	85	84	77.7
	MIN	56	54	52	56	50	45	47	49	45	50	59	59	56	55	60	63	56	56	60	55	53	52	46	54	55	50	52	64	54	50	55	53.8
RUGBY	MAX	77	76	83	79	79	76	75	72	76	84	84	84	80	85	88	85	83	89	89	87	85	72	76	81	82	78	80	80	82	87	86	81.3
	MIN	60	55	56	58	53	50	48	56	48	54	62	58	60	57	62	65	53	57	63	58	58	55	48	57	57	55	57	65	49	55	59	56.4
SAN HAVEN	MAX	77	75	82	72	72	70	64	70	74	81	84	81	79	82	85	80	81	89	88	85	82	74	73	76	77	76	81	79	80	85	83	78.6
	MIN	58	54	53	52	49	46	45	52	47	54	58	59	56	58	60	64	55	56	61	56	55	53	49	54	56	53	56	64	51	56	59	54.8
SHARON	MAX	84	74	79	72	69	78	72	70	75	80	84	82	78	82	85	87	80	84	89	89	80	72	72	83	81	78	80	80	82	86	88	79.8
	MIN	58	55	54	52	51	50	46	46	48	60	63	52	57	52	60	64	58	57	64	62	60	53	46	53	60	55	56	68	48	54	60	55.5
STANLEY	MAX	70	73	79	67	73	73	63	72	75	84	80	84	84	84	88	75	82	90	84	86	73	72	77	80	76	78	84	77	81	89	84	78.6
	MIN	56	51	64	50	52	58	47	45	47	55	55	59	60	57	55		52	57	58	60	51	48	47	57	53	50	59	60	60		65	54.8
STEELE	MAX	80	77	83	80	72	75	75	73	77	85	88	85	85	84	87	84	82	88	94	90	87	76	74	85	82	81	86	83	82	86	87	82.4
	MIN	63	53	54	59	54	50	48	54	46	57	63	60	57	56	62	62	52	55	64	62	60	49	47	57	59	55	57	64	49	57	60	56.3
TOWNER	MAX	74	78	84	77	76	75	67	76	78	88	86	85	82	86	88	76	84	90	88	87	78	76	77	82	83	82	81	83	82	87	82	81.2
	MIN	55	51	59	54	59	48	45	49	53	55	63	65	54	57	60	62	52	54	55	56	54	58	56	59	56	56	55	57	47	52	51	55.1
TURTLE LAKE	MAX	77	76	82	70	73	75	75	74	77	85	87	85	87	86	88	86	85	89	90	90	85	75	77	89	82	81	82	83	83	87	89	82.3
	MIN	61	54	54	56	54	49	49	49	48	56	61	58	58	60	61	63	51	56	62	60	57	52	50	59	53	55	59	66	51	57	61	56.1
UNDERWOOD	MAX	79	76	74	78	74	72	74	64	76	78	87	85	84	87	86	89	77	84	92	90	91	78	74	77	88	76	79	87	80	83	86	80.8
	MIN	60	55	53	53	54	47	44	45	47	55	60	56	52	56	59	58	47	52	60	60	55	48	44	48	55	56	59	60	43	56	60	53.5
UPHAM 3N	MAX	80	79	84	76	77	77	69	75	79	86	89	87	85	89	89	85	84	90	90	89	84	76	79	82	80	79	85	84	88	90	89	83.1
	MIN	57	51	53	55	50	47	43	52	49	53	63	56	51	59	60	64	48	55	56	56	54	52	46	56	52	52	56	61	44	53	59	53.6
UPHAM 3 W	MAX	78	76	82	76	71	73	69	73	75	85	83	85	81	85			83	90		86				80	78		80	80	85			79.7
	MIN	57	54	55	53	49	47	46	51	47	55	64	59	57	59			49	56		54				46	53		51	59	46			53.0
VALLEY CITY	MAX	83	77	82	81	72	75	73	69	77	85	88	85	81	85	87	89	88	87	93	93	93	75	76	82	84	81	85	85	86	88	87	83.0
	MIN	63	56	54	62	53	54	52	49	51	51	64	64	59	55	61	67	60	54	56	66	61	55	46	53	65	58	53	62	51	49	60	56.9
VELVA	MAX	74	71	81	70	71	73	72	70	75	83	82	81	80	83	86	84	81	89	86	88	81	72	76	80	74	74	82	81	79	85	85	79.0
	MIN	61	56	57	57	56	51	50	50	49	56	62	61	59	60	59	64	53	61	68	61	58	55	52	49	60	56	57	64	50	54	66	57.2
WAHPETON STATE SCHOOL	MAX	87	87	83	84	73	78	76	75	77	85	85	86	82	88	88	89	87	86	93	94	89	82	80	81	88	85	86	94	85	87	87	84.7
	MIN	70	57	56	65	53	54	53	46	49	52	63	61	61	59	63	66	63	55	62	69	62	49	46	55	64	56	54	69	54	59	63	58.3
WASHBURN	MAX	79	78	84			76	76	74		86	87	85	85	86	87	85	85	90	92	89	87	76	74	89		76	81	84	80		85	82.9
	MIN	61	52	55	56	54	48	49	46	47	57	62	57	55	61	61	65	50	58	63	62	58	50	46	58	56	56	56	60	49	56	60	55.6
WATFORD CITY	MAX	73	78	83	74	72	77	69	76	80	91	83	83	86	88	95	81	85	95	91	92	77	77	82	84	79	78	89	81	83	92	87	82.6
	MIN	57	53	54	52	52	47	50	44	47	58	57	61	59	63	66	62	50	60	57	63	51	50	50	60	57	53	63	60	51	60	66	55.9
WATFORD CITY 14 S	MAX	79	78	81	78	75	79	78	76	80	91					93	84	84	96	96	91	79	77	83	85	78	79	87	87	84	91	90	83.7
	MIN	60	52	55	52	50	45	50	41	49	50						63	47	61	54	62	52	48	56	56	57	54	62	61	50	62	66	54.4
WESTHOPE	MAX	76	77	82	73	75	70	68	72	75	84	85	84	83	87	90	80	85	93	88	85	74	73	76	74	78	80	81	80	84	88	85	80.2
	MIN	56	50	52	52	46	49	44	52	48	53	63	54	53	58	60	58	47	53	56	58	52	49	47	55	49	48	55	53	48	55	59	52.6
WILLISTON WB CITY	MAX	71	77	80	69	70	77	68	76	78	89	83	85	85	87	95	75	84	93	88	87	75	75	83	77	75	76	88	78	82	91	85	80.7
	MIN	56	54	59	52	54	49	50	47	53	62	60	62	63	67	68	62	56	63	59	62	52	53	55	60	57	50	65	58	52	64	65	57.7
WILLOW CITY	MAX	78	77	83	70	74	75	67	73	75	83	86	85	80	84	88	77	85	90	88	85	74	73	75	80	79	80	80	81	83	87	85	80.0
	MIN	56	52	53	54	48	48	45	54	44	53	63	58	55	54	61	65	50	54	58	55	57	54	44	54	54	50	52	54	46	48	68	53.6
WILTON RR STATION	MAX	77	76	75	81	70	72	75	63	71	74	83	85	82	85	82	84	74			88	87	77	74	73	86		77	84	80	81	84	78.6
	MIN	50	52	53	57	53	50	50	48	48			58	58	56	59	54	53			53	57	53	47	57	57		53	60	52	55	61	54.0
WISHEK	MAX	74	76	80	79	75	74	73	78	75	83	86	85	84	82	86	85	79	85	91	89	87		76	83	81	80	83	83	82	83	85	81.4
	MIN	59	58	52	52	49	52	48	50	42	55	62	60	54	53	60	61	55	52	61	59		51	43	56	61	57	56	64	52	52	62	54.9

Table 6 will be found on page 101 of this issue

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	-		6P	Myron J. Data	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramaland	2 3 5 7
Ambrose	0189	Divide	12	48 58	103 28	2059		5P	Soo Line Agent	3
Amenia	0196	Cass	11	47 00	87 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0263	Bottineau	12	48 38	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	860	6P	6P	Albert Thoren	2 3 5
Ashley	0362	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 3 7 C
Balfour	0492	McHenry	12	47 37	100 32	1615		MID	Raymond K. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1330		6P	F. B. Chidester	3
Bantry	0516	McHenry	12	48 30	100 36	-		9A	Temple K. Roberts	3
Beach	0500	GoldenValley	7	46 33	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 3 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 3 7
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 3 7
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1870	9A	9A	U.S. Weather Bureau	2 3 3 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 43	1630	MID	MID	U.S. Weather Bureau	2 3 3 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 3 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2873	3P	5P	O. B. Hoek	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. R. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	-		6P	Jacob Gruebele	3
Butte	1223	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	-		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 23	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinsen Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 3 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 3 7
Elbowoods	2570	McLean	8	47 33	102 09	2082	6P	6P	B. W. Case	2 3 3
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2603	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Heachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Ferling	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	-		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	SS	SS	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg	3277	Billings	4	46 53	103 18	2790		MID	Herman J. May	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	3	47 33	98 48	-		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 3 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald H. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 3 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	-		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kiese	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 3
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Henson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Hazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	Ephrain Zacher	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	-		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 53	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	7P	7P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroebl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1613	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1711	8P	8P	William Heyerman	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William H. Rugh	3
Lostwood 12 N	3320	Burke	12	48 33	102 24	2230	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 38	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 3 6 7 C
Mandan Ft. Linceln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 33	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	3638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 3
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	R. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 3 7
McGregor R R Station	5720	Williams	8	48 36	102 36	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1309	7P	7P	C. E. Hlasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467		6P	B. H. Kniefel	3
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Baton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 3 7
Medora 23 NNW	6818	Billings	7	47 14	103 36	2123		7P	Archie E. McAdoo	3
Melville	3833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmaier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Farm	5893	Ward	12	48 10	101 18	1720	8P	8P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6013	Burleigh	8	46 40	100 14	1760	3P	3P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1039	9P	8P	Iver Johnson	2 3 5 7
Montpelier	8105	Stutsman	5	46 42	98 35	-		8P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	88 33	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	46 29	89 45	1955	7P	7P	Gladys J. Paterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	8P	8P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1350		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2183	6P	8P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	R	47 59	102 28	1903	6P	6P	Erwin A. Ventech	2 3 3
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6335	Burke	12	49 00	102 18	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	-		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	3	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	-		MID	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	DP	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	Deep Rvr Dvlpmnt Fm	2 3 5 6
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred Krause	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wisbek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	-		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 9-3-53 -- 880

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 26 1953

AUGUST 1953
Volume LXII No. 8

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KANSAS CITY: 1953

NORTH DAKOTA - AUGUST 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Temperatures were below normal on nearly all days during the first half of the month and above normal on nearly all days during the last half of the month. Precipitation amounts varied greatly over the state. Many stations in the central sections recorded less than one inch for the entire month while many stations in the extreme east and extreme west reported over three inches. However, Grand Forks in the extreme east and Williston in the extreme west reported less than one inch. Crops made good progress but they were damaged by drought in the areas of light rainfall; small grain, especially durum wheat, was damaged by stem rust in all sections of the state.

The mean temperature for the state was 69.6 degrees which is 2.6 degrees above normal. The eastern division averaged 70.5 degrees which is 3.5 degrees above normal; the middle division averaged 69.7 degrees which is 2.8 degrees above normal and the western division was 68.5 degrees which is 1.5 degrees above normal. Highest temperature in the state was 103° at Maddock on the 31st. The lowest temperature was 39° at Belfield on the 7th and at Dunn Center and Moffit on the 8th. The mean temperature over the state ranged from 73.0° at Wahpeton in the extreme southeast part of the state to 66.4° at Dunn Center in the western part of the state.

Precipitation over the state averaged 1.78 inches which is 0.29 inch below normal. The eastern division averaged 1.96 inches which is 0.55 inch below normal. The middle division averaged 1.22 inches which is 0.80 inch below normal, and the western division averaged 2.18 inches which is 0.52 inch above normal. Precipitation ranged from 5.03 inches at Pembina to 0.17 inch at Bottineau. The greatest precipitation in a single day in August was 3.78 inches at Pembina on the 1st.

The early planted crops matured rapidly during the month and where stem rust was not too severe, they held up well due to the heavy rains during May and June. However, due to rust infestation from the south and the scattered heavy showers, small grain yields were highly variable. Late crops in most sections were suffering from drought due to the dry weather during July and August. What appeared to be a bumper crop earlier in the summer deteriorated considerably due to stem rust and drought. Durum wheat suffered most from rust. Corn, potatoes and sugar beets made good growth. The hot weather was favorable for corn and for maturing the potato crop. Due to favorable weather, harvesting small grain was well along at the end of the month. The hay crop was very good, and livestock were in good to excellent condition. Fall plowing was under way at the close of the month, but both the topsoil and the subsoil was dry in most sections.

No severe wind storm damage was reported and hail damage was about average. There were more than the usual number of prairie fires due to the heavy growth of grass and the dry weather. Heavy rains on August 18th, estimated from three to more than five inches, fell over the area west of Belfield in Stark and Billings Counties causing flash floods on two creeks that converge near the town of Belfield. Water 1 1/2 to 3 feet deep rolled down the main street. Some small houses were washed away; many were damaged; several business places were flooded and a bridge was washed out. Damage was estimated at about $30,000.--FJB

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	SSE	14	9.9	40	NW	29	73	85	48	48	5	7	1	1	0	0	14	65	5.5
DEVILS LAKE WB CITY	–	–	7.5	22	NE	28	–	–	–	–	5	0	4	0	0	0	9	79	4.9
FARGO WB AP	SSE	25	11.5	33	SW	1	82	87	54	55	3	5	5	0	1	0	14	63	5.6
WILLISTON WB CITY	–	–	6.5	26	NW	24	66	80	44	40	6	7	1	0	0	0	14	84	4.5

Table 1

COMPARATIVE DATA

AUGUST

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	67.3	105	24	2.39	0	8
1893	66.7	109	29	1.31	0	3
1894	68.8	102	30	1.14	0	4
1895	64.5	104	24	1.57	0	5
1896	64.7	107	21	1.12	0	5
1897	64.1	106	29	1.18	0	5
1898	65.4	104	24	1.69	0	5
1899	65.2	97	32	2.83	0	6
1900	70.4	114	33	5.06	0	10
1901	66.9	100	32	1.77	0	6
1902	64.3	96	26	2.30	0	8
1903	63.7	103	35	4.68	0	10
1904	63.3	102	31	1.61	0	6
1905	67.5	107	34	2.43	0	7
1906	66.3	105	31	1.84	0	7
1907	64.5	104	26	1.73	0	6
1908	63.2	104	25	2.16	0	7
1909	69.8	109	27	2.23	0	6
1910	63.1	109	24	1.46	0	5
1911	62.2	98	23	3.21	0	8
1912	63.4	118	32	2.88	0	10
1913	68.9	106	30	2.63	0	6
1914	64.2	101	26	2.29	0	7
1915	64.4	100	19	1.18	0	4
1916	66.0	100	26	2.67	0	8
1917	65.2	105	32	0.82	0	6
1918	66.5	102	34	3.38	0	8
1919	67.9	101	30	1.59	0	5
1920	68.8	108	28	1.53	0	5
1921	67.2	108	31	1.98	0	6
1922	69.8	115	33	1.31	0	6
1923	63.0	97	28	1.84	0	8
1924	63.8	102	28	1.57	0	6
1925	67.9	110	29	1.04	0	5
1926	65.6	105	36	2.37	0	7
1927	63.4	96	28	3.13	0	8
1928	64.8	105	25	3.09	0	8
1929	68.5	106	26	0.77	0	4
1930	70.4	104	32	1.45	0	6
1931	67.0	105	30	2.09	0	6
1932	68.3	100	28	1.89	0	7
1933	68.5	104	31	0.75	0	5
1934	67.4	108	25	1.15	0	5
1935	66.2	109	26	2.35	0	8
1936	69.8	110	29	1.40	0	6
1937	72.9	109	40	1.52	0	5
1938	69.8	109	33	1.50	0	6
1939	68.6	105	32	2.10	0	7
1940	67.8	103	33	2.05	0	7
1941	68.8	111	32	2.86	0	10
1942	66.3	105	33	3.09	0	9
1943	67.7	104	31	2.61	0	9
1944	65.6	102	34	4.37	0	11
1945	67.1	105	32	1.68	0	6
1946	65.2	104	29	1.62	0	7
1947	70.9	110	34	2.67	0	9
1948	68.6	103	35	1.83	0	6
1949	71.2	111	30	0.99	0	4
1950	64.1	97	29	1.49	T	7
1951	63.8	101	35	4.09	T	12
1952	67.3	105	31	2.31	T	8
1953	69.6	103	39	1.78	T	7

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

NORTH DAKOTA
AUGUST 1953

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		84.3	58.5	71.4	4.3	98	26+	47	15	4	5	0	0	0	1.57	- .97	.75	1	.0	0		8	1	0
ARVILLA STATE PARK		84.7	55.7	70.2		99	31	42	5+	18	6	0	0	0	1.20		.83	29	.0	0		4	1	0
CARRINGTON		83.8	55.4	69.6M	2.5	95	27	47	14		6	0	0	0	.94	-1.13	.46	27	.0	0		5	0	0
CAVALIER		83.4	55.8	69.6	3.7	99	31	46	17	11	8	0	0	0	2.41	- .10	1.17	1	.0	0		9	1	1
COOPERSTOWN		86.4	56.7	71.6	4.2	99	31	47	4+	7	12	0	0	0	1.23	-1.38	.89	29	.0	0		6	1	0
DEVILS LAKE WB CITY	R	83.6	57.6	70.6	3.8	101	31	48	15	19	10	0	0	0	.88	-1.29	.32	5	.0	0		4	0	0
EDGELEY EXP FARM		84.4	56.4	70.4	2.7	102	14	47	8+		5	0	0	0	.97	-1.38	.34	29	.0	0		10	0	0
EDMORE 1 W		81.1	54.0	67.6	2.8	99	31	40	16	52	6	0	0	0	1.69	- .64	.78	28	.0	0		6	1	0
ELLENDALE		84.9	59.4	72.2	3.5	98	26	51	8	1	7	0	0	0	1.99	- .78	.55	1	.0	0		10	2	0
ENDERLIN		83.8	56.6	70.2		100	27	48	14+		5	0	0	0	2.77		1.05	1	.0	0		11	3	1
FARGO WB AP	R //	83.3	60.3	71.8	2.7	98	26	51	8+	4	5	0	0	0	2.94	.21	1.30	1	T	T	9+	11	1	1
FORMAN		85.6	58.7	72.2	4.0	99	26	48	8+	1	7	0	0	0	2.21	- .54	.60	28	.0	0		7	2	0
FULLERTON		84.6	59.2	71.9M	3.9	100	26			2	6	0	0	0	2.33	- .21	1.12	3	.0	0		6	1	1
GACKLE		84.5	58.3	71.4	3.9	99	26+	48	8	11	8	0	0	0	1.42	- .93	.67	29	.0	0		6	1	0
GRAFTON STATE SCHOOL		84.3	56.0	70.2	4.0	100	31	45	5	17	12	0	0	0	1.81	- .71	.41	27	.0	0		8	0	0
GRAND FORKS CAA AP	R	84.2	57.7	71.0	5.0	97	25+	46	16	12	8	0	0	0	.69	-1.93	.38	29	.0	0		4	0	0
GRAND FORKS UNIV		83.7	59.7	71.7	5.7	97	26	46	16	9	4	0	0	0	.79	-1.83	.57	29	.0	0		5	1	0
GRAND RAPIDS 1 N		85.3	56.9	71.1		98	26+	44	8+	9	7	0	0	0	1.00		.30	9+	.0	0		7	0	0
HANKINSON R R STA		82.3	59.2	70.8	.1	96	27	51	8		4	0	0	0	3.28	.53	1.47	11	.0	0		8	2	1
HANNAH		80.6	53.3	67.0	2.9	94	31	40	16	51	4	0	0	0	2.89	.52	1.04	1	.0	0		6	2	1
HILLSBORO		83.6	56.0	69.8	1.6	96	31	48	5+	11	6	0	0	0	3.32	.57	.84	1	.0	0		9	4	0
JAMESTOWN CAA AP	R //	84.0	56.7	70.4	3.5	100	31	46	8	12	7	0	0	0	1.85	- .70	.95	29	.0	0		6	1	0
JAMESTOWN STATE HOSP		85.6	58.3	72.0	5.1	101	31	49	8+	3	12	0	0	0	1.52	-1.03	.95	29	.0	0		4	1	0
KENSAL WILDLIFE REF		86.3	55.4	70.9		102	31	43	16	6	11	0	0	0	.83		.61	29	.0	0		5	1	0
LANGDON EXP FARM		82.6	54.0	68.3	4.6	98	25	43	14+	43	6	0	0	0	3.71	1.24	1.18	28	.0	0		11	3	2
LARIMORE		84.5	56.7	70.6	4.7	100	31	45	5	12	7	0	0	0	1.23	-1.48	.90	29	.0	0		5	1	0
LISBON		85.6	58.3	72.0	4.2	96	26+	48	16	1	8	0	0	0	2.39	- .51	.45	1	T	0		9	0	0
MAYVILLE		84.5	57.6	71.1	3.2	98	26	48	15+	9	6	0	0	0	1.88	- .67	1.34	29	.0	0		9	1	1
MC HENRY 5 N		83.2	54.2	68.7	3.0	101	31	41	4	26	6	0	0	0	1.10	-1.22	.57	29	T	0		6	1	0
MC LEOD 3 E		84.7	57.5	71.1M	2.6	98	26	42	16	5	6	0	0	0	2.69	- .01	.94	28	T	0		10	2	0
MUNICH 4 SW		80.4	53.2	66.8		96	31	42	14	48	2	0	0	0	1.92		1.10	28	.0	0		8	1	1
OAKES		81.6	59.0	70.3	1.2	96	27	49	16		3	0	0	0	2.16	- .51	.50	2	.0	0		8	1	0
PARK RIVER		84.6	56.9	70.8	4.2	99	31	48	5+	12	8	0	0	0	2.27	- .03	.90	29	.0	0		7	2	0
PEMBINA 2 N		82.6	57.0	69.8	5.1	100	31	45	15	20	5	0	0	0	5.03	2.74	3.78	1	.0	0		6	2	1
PETERSBURG		83.9	56.7	70.3		99	31	45	4	14	5	0	0	0	1.45	- .91	.68	29	.0	0		7	2	0
SHARON		83.1	57.5	70.3	2.4	96	31	48	14	12	5	0	0	0	1.54	- .83	1.06	29	.0	0		6	1	1
VALLEY CITY		85.1	58.3	71.7	4.0	98	31	47	8+	2	7	0	0	0	1.09	-1.45	.33	17	.0	0		9	0	0
WAHPETON STATE SCHOOL		85.7	60.2	73.0	4.3	98	26	50	8	2	7	0	0	0	3.58	.71	1.52	11	.0	0		9	2	1
DIVISION				70.5	3.5										1.96	- .55			T					
MIDDLE DIVISION																								
ASHLEY		82.9	57.2	70.1	2.9	99	13	44	8	15	6	0	0	0	1.17	-1.27	.22	3+	.0	0		8	0	0
BELCOURT INDIAN RES		80.9	52.4	66.7		91	31	40	8	38	2	0	0	0	1.46		.98	28	.0	0		7	1	0
BISBEE		81.8	54.3	68.1	2.4	93	24	42	4	26	3	0	0	0	1.11	-1.24	.49	28	.0	0		6	0	0
BISMARCK WB CITY		84.0	58.9	71.5M	3.3							0	0	0	1.05	- .58	.88	29	.0	0		6	1	0
BISMARCK WB AP	R	85.8	57.6	71.7	2.4	101	31	46	8	4	9	0	0	0	.94	- .56	.61	29	.0	0		9	1	0
BOTTINEAU		82.5	55.2	68.9	4.0	93	27	44	7+		3	0	0	0	.17	-2.28	.05	30	.0	0		6	0	0
BUTTE		83.0	55.1	69.1M	1.9	92	25					0	0	0	.22	-1.72	.16	23	.0	0		3	0	0
CARSON NO 2		82.1	56.5	69.3	.7	90	25+	45	7		2	0	0	0	1.15	- .51	.21	4	0	0		11	0	0
CENTER		83.7	54.0	68.9M	.9	98	31	42	14	14	4	0	0	0	1.96	.25	.84	20	.0	0		10	1	0
DRAKE		82.8	56.7	69.8	2.2	91	10+	46	14		3	0	0	0	.74	-1.28	.41	20	.0	0		6	0	0
ECKMAN		82.8	52.7	67.8	2.8	90	13+	40	8		3	0	0	0	1.03	- .85	.30	30	.0	0		4	0	0
FESSENDEN		84.9	54.4	69.7M	3.0	101	31	43	16	14	7	0	0	0	.57	-1.61	.19	5	.0	0		6	0	0
FORT YATES		86.1	58.4	72.3	2.6	102	31	43	8	5	10	0	0	0	2.25	.36	1.21	19	.0	0		9	1	1
FOXHOLM 7 N		83.9	54.2	69.1M	2.5	91	12+	46	8+	12	5	0	0	0	1.05	- .93	.50	1	.0	0		3	1	0
GARRISON		83.5	55.2	69.4	2.8	92	10+	46	7+		4	0	0	0	.86	-1.08	.66	23	.0	0		5	1	0
GRANVILLE		83.4	55.0	69.2M	3.5	95	31	45	15	14		0	0	0	1.29	- .58			.0	0		7	0	0
HANSBORO		82.1	52.4	67.3M	3.8	94	31	45	4+	41		0	0	0	1.88	- .44	.78	28	T	0		8	2	0
LEEDS		84.6	54.7	69.7		100	31	42	15	27	8	0	0	0	.64		.26	6	.0	0		6	0	0
LINTON		86.6	58.5	72.6	2.5	101	31	43	8	5	10	0	0	0	1.22	- .86	.45	29	.0	0		7	0	0
MADDOCK AGR SCHOOL		85.2	55.5	70.4	3.9	103	31	45	4	12	11	0	0	0	.91	-1.40	.31	5	.0	0		7	0	0
MANDAN EXP STATION		83.3	56.6	70.0	1.1	91	13+	44	8		3	0	0	0	2.95	1.37	1.01	18	T	0		8	3	1
MANDAN FT LINCOLN PARK		86.1	56.2	71.2M		102	31	43	6	7		0	0	0	2.54		.81	15	T	0		8	2	0
MAX		83.3	55.3	69.3M	1.9							0	0	0	2.21	.33	1.20	23	.0	0		5	2	1
MC CLUSKY		85.0	57.7	71.4	4.2	102	31	48	15	3	8	0	0	0	.75	-1.18	.25	23	.0	0		8	0	0
MINOT CAA AP		82.0	56.7	69.4	3.8	93	31	46	15	14	4	0	0	0	.83	-1.09	.35	23	.0	0		7	0	0
MINOT EXP FARM		82.9	53.9	68.4		94	31	44	7	20	3	0	0	0	1.01		.30	20	.0	0		6	0	0
MOFFITT 4 SE		83.8	55.2	69.5M		98	31	39	8	25	4	0	0	0	1.33		.59	29	.0	0		11	1	0
MOHALL		83.4	53.7	68.6	3.8	91	12+	42	7	15	5	0	0	0	.78	-1.13	.38	1	.0	0		6	0	0
NAPOLEON 1 SE		85.9	57.5	71.7	4.6	100	31	44	8	5	9	0	0	0	1.55	- .65	.80	29	.0	0		10	1	0
NEW SALEM 1 S		83.5	55.0	69.3	1.4	96	31	48	6+	14	5	0	0	0	2.62	.89	.85	20	.0	0		10	2	0
PETTIBONE		85.1	58.4	71.8	3.3	98	26+	49	4+	8	8	0	0	0	1.92	- .23	1.65	29	.0	0		6	1	1
RIVERDALE		82.9	56.3	69.6		91	13+	48	7+		4	0	0	0	1.04		.37	19	.0	0		10	0	0
ROLLA		81.4	54.0	67.7	2.1	93	31	47	5	30	3	0	0	0	1.18	-1.31	.38	28	.0	0		9	0	0
RUGBY		85.8	57.1	71.5		98	31	47	14	13	9	0	0	0	.60	-1.40	.24	26	.0	0		7	0	0
SAN HAVEN		81.6	56.3	69.0	4.4	93	31	48	8	20	3	0	0	0	.86	-1.50	.50	28	.0	0		6	1	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

NORTH DAKOTA
AUGUST 1953

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STEELE	85.7	57.8	71.8	4.5	99	31	43	4	6	9	0	0	0	1.68	- .50	.86	29	.0	0		9	1	0
TOWNER	84.7	52.6	68.7	2.5	96	26+	44	14+	22	9	0	0	0	.54	-1.44	.36	1	.0	0		2	0	0
TURTLE LAKE	84.3	55.7	70.0	2.7	97	31	46	7+	11	5	0	0	0	2.39	.41	1.00	23	.0	0		8	2	1
UNDERWOOD	83.5	54.8	69.2	.9	93	10	45	7+		4	0	0	0	1.35	- .56	.77	23	.0	0		5	1	0
UPHAM 3 N	87.3	51.4	69.4		99	31	41	12+	7	12	0	0	0	.87		.55	29	.0	0		3	1	0
UPHAM 3 W																							
VELVA	81.7	56.4	69.1	2.3	92	31	44	8	20	1	0	0	0	1.01	-1.21	.32	23	.0	0		7	0	0
WASHBURN	85.2	55.5	70.4	2.3	98	31	47	8	5	5	0	0	0	.75	- .88	.25	23	.0	0		8	0	0
WESTHOPE	83.7	54.2	69.0M	3.5	92	12	43	7	16	7	0	0	0	1.42	- .59	.63	1	.0	0		7	2	0
WILLOW CITY	84.8	52.7	68.8	4.6	97	31	41	8	18	10	0	0	0	.31	-1.73	.11	23	.0	0		4	0	0
WILTON R R STATION	81.9	54.5	68.2M	.5							0	0	0	.56	-1.15	.14	6	.0	0		8	0	0
WISHEK	85.0	55.4	70.2	3.2	98	31	42	8	8	8	0	0	0	1.20	- .99	.38	27	.0	0		7	0	0
DIVISION			69.7	2.8										1.22	- .80			T					
WESTERN DIVISION																							
ALMONT 7 SW	83.5	56.2	69.9		96	31	45	7	14	5	0	0	0	3.43		.74	29	T	0		10	3	0
AMIDON	83.4	54.1	68.8	.4	100	25	44	7		6	0	0	0	1.67	.12	.52	29	.0	0		7	1	0
BEACH	83.3	53.5	68.4	1.2	96	25	41	7		5	0	0	0	1.45	- .15	.55	29	.0	0		9	1	0
BELFIELD	82.3	51.5	66.9	-1.1	91	12	39	7	30	2	0	0	0	4.40	2.59	1.92	18	.0	0		11	2	1
BOWBELLS	80.6	54.2	67.4M	2.6	90	22+	43	7		2	0	0	0	1.70	- .28	1.26	1	.0	0		5	1	1
BOWMAN COURT HOUSE	83.7	53.3	68.5	.4	95	24	43	7	23	6	0	0	0	1.39	- .35	.45	23	.0	0		9	0	0
CROSBY	81.8	54.5	68.2	3.2	92	12	43	7	12	3	0	0	0	2.24	.42	.55	29	T	0		8	1	0
DICKINSON CAA AP R //	82.1	55.2	68.7	2.2	93	24	44	7	17	4	0	0	0	1.75	- .09	.50	15	.0	0		8	1	0
DICKINSON EXP STATION	83.0	53.7	68.4	1.9	95	25	41	7		3	0	0	0	1.78	- .06	.92	19	.0	0		6	2	0
DUNN CENTER	82.5	50.3	66.4	.0	93	13	39	8		4	0	0	0	4.56	2.90	2.84	20	T	0		7	2	1
ELBOWOODS	85.5	54.8	70.2M	2.3					10	8	0	0	0	1.39	- .45	.60	19	.0	0		9	1	0
EPPING	84.1	55.7	69.9	2.4	92	12+	42	7	12	6	0	0	0	1.30	- .34	.85	1	.0	0		5	1	0
GRENORA	81.7	53.5	67.6	2.0	91	12+	42	7	11	3	0	0	0	1.30	- .20	.68	18	.0	0		4	2	0
HETTINGER	81.2	54.9	68.1	- .8	95	31	44	7	26	3	0	0	0	1.86	.32	1.28	3	.0	0		6	1	1
KENMARE	82.2	53.4	67.8	1.8	91	25	43	7		4	0	0	0	1.66	- .25	.99	1	.0	0		5	1	0
LOSTWOOD 12 N	82.1	52.5	67.3M		90	24	43	7+	21	1	0	0	0	1.11		.58	1	T	0		5	1	0
MARMARTH	84.8	53.8	69.3M	1.1	96	24	40	7	12	8	0	0	0	2.53	.91	2.15	29	T	0		5	1	1
MEDORA 4 NNE	85.9	54.3	70.1M		97	24	40	7+	12	8	0	0	0	2.21		.92	19	.0	0		5	1	0
MOTT	81.5	53.8	67.7	- .3	93	31	43	7+	24	3	0	0	0	2.90	1.14	1.05	2	T	0		6	4	1
NEW ENGLAND	83.1	54.1	68.6	.8	93	24	43	7	13	5	0	0	0	2.11	.53	.74	29	.0	0		5	2	0
NEWTOWN	83.4	55.6	69.5M	1.9	92	12			7		0	0	0	3.65	2.05	2.12	1	T	0		9	1	1
PARSHALL	83.6	53.8	68.7	2.7	94	31	42	7+	23	6	0	0	0	.99	- .85	.47	1	.0	0		9	0	0
PORTAL	79.8	53.2	66.5M	1.7	89	22+	42	7		0	0	0	0	2.87	.91	1.50	1	.0	0		6	2	1
POWERS LAKE 1 N	81.6	53.7	67.7M	1.9	90	12+	42	15	22	3	0	0	0	1.88	.20	.55	19	.0	0		7	2	0
RICHARDTON ABBEY	83.0	55.6	69.3	.8	95	31	44	7	10	4	0	0	0	2.16	.32	.47	18+	.0	0		11	0	0
STANLEY	80.5	54.0	67.3M		90	12+			22	2	0	0	0	2.53	.63	.78	1	.0	0		7	2	0
WATFORD CITY	83.0	55.6	69.3	1.0	92	12	43	7	13	4	0	0	0	2.72	1.12	1.17	19	.0	0		8	2	1
WATFORD CITY 14 S	85.0	55.1	70.1M		95	12	41	7	11		0	0	0	3.21		.70	17	.0	0		8	3	0
WILLISTON WB CITY R //	81.5	57.8	69.7	1.6	91	12	47	7	8	2	0	0	0	.37	-1.04	.13	19	.0	0		8	0	0
DIVISION			68.5	1.5										2.18	.52			T					
STATE			69.6	2.6										1.78	- .29			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	1.22					.30	.09											.03						.02					.23	.55		
ALEXANDER	1.12		.07	.01		.14					.14								.27	.14					.12				.14	.09		
ALMONT 7 SW	3.43			.41		.10	.04				.13					.11		.72		.23	.70							.25		.74		
AMBROSE	3.70	.89				.20													1.62			.10	.66						.13	.10		
AMENIA	1.57	.75		.05		.01		.02		.12	.01														.18					.43		
AMIDON	1.67		.24			.23				.02	.04										.42			.20				T		.52		
ARVILLA STATE PARK	1.20					.06	.07			T																			.24	.83		
ASHLEY	1.17	.09	.09	.22							.06					.22	.20							.07						.22		
BALTA	.28					.05		.09																.06		.08						
BANTRY	.74	.35																				T			.08						.31	
BEACH	1.45	.04			.10	.47	.13				.06	T							.03	.05				T		.02				.55		
BELCOURT INDIAN RES	1.46	.13					.10	.05																.04				.14	.98	.02		
BELFIELD	4.40	T	.28	.07	T	.48	.07		T	T	.08			T		T	.10	T	1.92	.94				.05		.03				.38		
BERTHOLD	1.25	.74				.03															.21	.03		.18					.06			
BEULAH	1.39				.10											.10			.72	.47												
BISBEE	1.11	.02					.35	.10																.13					.49	.02		
BISMARCK WB CITY	1.05	T	T	.03						T						T			.04		.05			.02	.03	T		T		.88		
BISMARCK WB AIRPORT R	.94		T	.04		T	T				.03					T		.01	.04		.01		.13	.04			T		.03	.61		
BISMARCK 12 ENE	1.71			T							.03						.19	.45	.20	.15				.50	.01				.04	.14		
BOTTINEAU	.17	.04	.02				T	T			T											.01		T	.04		T			.01	.05	
BOWBELLS	1.70	1.26																			.03				.08				.02	T	.31	
BOWMAN COURT HOUSE	1.39		.10	.05	.01	.37					.06									.20				.45		.03	T			.12		
BOWMAN 11 SE	3.01		.73	.30		.33										.13			.03	.68	.07									.74		
BOWMAN 30 NNW	1.53					.37			.11										.09					.40						.56		
BURT 16 N	4.93			1.56		.56	.22				.19									.45				.48						1.47		
BUTTE	.22					T	T													T	.03			.16			.03					
CARRINGTON	.94						.10	.05		.01																		.46		.32		
CARSON NO 2	1.15	T		.05	.21	.18	.04	.14			T	.06								.15	.10			.08						.12	.02	
CAVALIER	2.41	1.17				.04	.09	.04																T			.45	.14	.15	.31		.02
CENTER	1.96	.12	.08	.12		.07				T									.42	.12	.84			.10					.05	.04		
COLGATE	1.66	.07		.19		.21	T			.33																	T	T	T	.86		
COLUMBUS	2.74	1.13	.02																.36	.01				.37	.38					.47		
COOPERSTOWN	1.23	.01		.02		.06	T			.16																	T	.09		.89		
COURTENAY	.86	.24																									T	T		.62		
CROSBY	2.24	.44	T			.01	.17												.42	.15					.45				.05	.55		
DEVILS LAKE W B CITY R	.88	T				.32	.16										T							T			T	T	.22	.18		
DICKINSON CAA AP R //	1.75	T		T	.38	.02	T		T		T					.50			.22	.39			.05	.01	T		T		T	.18		
DICKINSON EXP STA	1.78			T		.51	T	T		T	T								.07	.92	.03			T		.03	T			.22	T	T
DONNYBROOK	1.18	.99																			.19											
DRAKE	.74					.01	.03	.03													.41			.13			.13					
DUNN CENTER	4.56				.07	.30		.12												.97	2.84			.09						.17		
ECKMAN	1.03	.25																			.23			.25							.30	
EDGELEY EXP FARM	.97	.04	.09	.05	.04		.15	.01		.21		.03																	.01	.34		
EDMORE 1 W	1.69		T			.20	.20	.25										T						T			.11		.78	.15		T
ELBOWOODS	1.39	.20		.12		.12													.11	.60	.11			.03		.02			T	.08		
ELGIN 5 S	1.15	T	T	.43		.27	T			.09	.08									T			.13						T	.15		
ELLENDALE	1.99	.55	T	.53	.01	T				.01	.08	.01				.22								T	.12				.20	.26		
ENDERLIN	2.77	1.05	.05	.02	.15		.02	.02		.54		.07													.15					.68		.02
EPPING	1.30	.85				.18													.11						.12					.04		
FAIRFIELD	2.06	T	.09	.10		.68	T												.44	.47						T	T		.28			
FARGO WB AIRPORT R //	2.94	1.30		.09		.04	T	.02		.38	.16			T										.01	.26			T	.47	.20		.01
FESSENDEN	.57					.19	.06	.13		.01	.01																			.17		
FLASHER	1.26			.19	.07	.16	T					.10					.06			.35	.15			.09						.09		
FLAXTON	1.97	1.20																	.09			.20				.15			T	.33		
FORBES 13 NW	2.00	.34		.37			.13			.14	.04					.35								T				T		.60		.03
FORMAN	2.21	.20	T	.52	.13	T	T			.33															.09				.60	.34		
FORT YATES	2.25			.02		.23	.03			T	.34						T	.01		1.21	.25			.09						.07		
FOXHOLM 7 N	1.05	.50																			.30	.25								T		
FULLERTON	2.33	.45		1.12		T					.05					.16													.12	.43		
GACKLE	1.42			.35							.15							.03										.04		.67		.18
GARRISON	.86	T			T		.07													.02	.08	.03		.66		T	T			T		
GLEN ULLIN 13 N	1.20				T												.51		T	.34	.04		T	.15			.02		.14			
GOLDEN VALLEY 10S	2.22				T	.10											.07	1.18	.24	.20	.18								.25			
GRAFTON STATE SCHOOL	1.81	.32				.08	.02																		T		.11	.41	.30	.36		.21
GRAND FORKS CAA AP R	.69			T		T	T	T																			T	.08	.20	.38		.03
GRAND FORKS UNIV	.79					.02	.02																					.06	.12	.57		
GRAND RAPIDS 1 N	1.00		T	.21	.05		.10			.30	.02																	T	T	.30	.02	
GRANVILLE	1.29	.35					.02												*		*			.45			.25				.22	
GRASSY BUTTE 10N	2.87	.14																	1.77	.70			T							.26		
GRENDRA	1.30	.50																	.68	.04			.08						T			
HALLIDAY	2.68					.23	.06										.56		.25	1.11	.25									.22		
HANKINSON R R STA	3.28			.26	.23		.24		.02			1.47													.04				.62	.40		
HANNAH	2.89	1.04				.43	.96	.09										T						.04					.33			
HANSBORO	1.88					.01	.06	.07										.50						.13			T	.04	.78	.29		
HARVEY 3 NE	.29								.15	.04	.02																			.08		
HETTINGER	1.86		.13	1.28		.30					.02									.04						T				.09		
HILLSBORO	3.32	.84		.07		.30	.02		.06	T								.01						T	.64		T	T	.61	.77		
JAMESTOWN CAA AP R //	1.85		T	.30		T	.03	.05		.42	T													T			.10	T		.95		T
JAMESTOWN STATE HOSP	1.52			.29		T		T		.25	T																	.03		.95		
KEENE 2 S	2.52	.22				.21	.25				.02						.17		.83	.28		.09		.33					.02	.10		
KENMARE	1.66	.99																		.27	.16								T	.09	.15	
KENSAL WILDLIFE REF	.83					.04	.03	.02		.13																				.61		
KILLDEER 8 NW	1.74			.24		.27													.50	.58	.02									.13		
KULM	.67	.03		T		.08	.04																							.52		
LANGDON EXP FARM	3.71	1.00		.37		.07	.56	.15			.03													.03			.18	.04	1.18	.10		
LANSFORD	1.02	.26																	.02	T	.06	.18		.09			T		.03	.38		
LARIMORE	1.23			T		.11				.06								T								T		.05	.11	.90		
LEEDS	.64					.08	.26	.04																.07		.17			.02			
LEFOR 10 E	2.65		.51	.06		.57	.04			T	.10							T		.79				.16						.42		
LINTON	1.22			.12		T	T				.38					.04		T	T	.10	.03			.10				T		.45		
LISBON	2.39	.45		.34			.20	.30		.25	T	.20						.10						T	.32				T	.23		
LITCHVILLE	1.14	.03		.08			.14	T		.43															.20		T	T		.26		
LOSTWOOD 12 N	1.11	.58																	.31	T	.06				.07		T		T	.09	T	
MADDOCK AGR SCHOOL	.91			.09		.31	.09	.08		.18														T			.03			.13		
MANDAN EXP STATION	2.95	T		.31	.03							.03					.06		1.01	.56	T			.01				T		.94		
MANDAN FT LINCOLN PARK	2.54			.07						T	.05					.81		.45	.65		.05			.04						.42		
MARMARTH	2.53		.05	T		.10				.01	T								T	T				.22						2.15		
MARTIN	.36							.20		.08																	.03			.05		
MAX	2.21	.05	T			T															.90			1.20			.02			.04		
MAYVILLE	1.88	.06		.07		.04	.03	T		.07								T							.02		T	.07	.18	1.34		
MC CLUSKY	.75			.14		.08	T										.02				.09			.25		.06		.03		.08		
MC HENRY 5 N	1.10					.13				T																	.07	.15	.03	.57		.15
MC LEOD 3 E	2.69	.18		.15	.04	.63	.12			.05	.20														.08	T			.94	.30		
MC VILLE	1.24					.45																				.06	.08			.45		.20
MEDINA 1 W	1.22								.25		.07																			.90		
MEDORA 4 NNE	2.21	T		T		.45					T								.46	.92				.03		T				.35		
MEDORA 23 NNW	2.11					.80														1.00										.31		
MINOT CAA AP	.83	.16		T		T	T			T	T								T	.10	.06	.01		.35		.02	.13		T	T		
MINOT EXP FARM	1.01	.18						T			T								.08		.30	.06		.27			.12		T	T		
MOFFIT 4 SE	1.33	T		.04	T	.04	T			T	.18	.01				.01		.35	.03	.01				.05				.02	T	.59		
MOHALL	.78	.38				T													T	T	.02	.01		T			.01		.02	.34		
MONTPELIER	2.20	T		.33			.64	.07		.38	T																T	.03	.02	.73		
MOTT	2.90		1.05	.65	.50						.04									T			.09				T			.57		
MUNICH 4 SW	1.92	.30	.02			.04	.34	.07										T						.01			.04		1.10	T		
NAPOLEON 1 SE	1.55			.17			.10				.17					.10	.09	.01	.02					.04				.05		.80		
NEW ENGLAND	2.11					.32					.08									.62				.35						.74		
NEW ROCKFORD 7 WNW	2.27					.40	.10	T																T					T	1.77		
NEW SALEM 1 S	2.62			.37	.08					T	.02					.03	.04		.01	.32	.85	T					.35			.55		

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN	3.65	2.12				.11	.05				T								.40	.13	.09			.03					.37	.35		
NOONAN	5.01	.59	.40				.25												1.84	.05				.88	.35					.65		
NORTONVILLE	1.15			.12						.40									.09											.54		
OAKES	2.16	T	.50	.40	.23		.02	T				.12					.02								.44			T	T	.43		
PARK RIVER	2.27	.09				.24		.11																				.09	.80	.90		.04
PARSHALL	.99	.47				.11	.18				T						T		.06	.02	.04					.01	.03		T	.07		
PEMBINA 2 N	5.03	3.78				.20		T																T			.54		.08	.36	.07	
PETERSBURG	1.45					.54	.03	.04			T							.10									.02		.04	.68		
PETTIBONE	1.92			.08		.06	.01	.01		.11																				1.65		T
PINGREE	.85	.05				T	T			.20														T						.60		
PORTAL	2.87	1.50	.02				T												.12	.61					.38				T		.24	
POWERS LAKE 1 N	1.88	.53				.05													.35	.55	.05		T	.30				T	T	.05		
PRETTY ROCK	1.63	T	.02	.49		.19	.52			T	.06	T						T			T	T		.13		.04		.18				
REEDER	2.35		.50	.50	*	.50					.10									.35										.40		
REEDER 14 N	1.99			.57		.91					.06													.02		.10				.33		
RICHARDTON ABBEY	2.16		T	T		.26	.14				.02					T	T	.10	.47	.47	.20			.26		.01	T	T	.04	.19		
RIVERDALE	1.04	.01			T	.01	.05	T				T								.37	.26	.01		.20		.09	.03			.01		
ROLLA	1.18	.09				.06	.28	.04		T												T		.12			.02	.15	.38	.04	T	
RUGBY	.60	.03				.02	T	.19																.01			.24				.09	.02
RYDER	.86	.05	.05	.05			.04												T		.10			.36			.07					.14
SAN HAVEN	.86	.14				T	.04	.09										T						.05			T		.50	T	.04	
SCRANTON	3.07		.47			.64				T	.08					.02			T	.18	.01		T		T		.04			1.63		
SELFRIDGE 11 W	2.26			.02		.02	.05				.60								.59		.26	T	.33							.39		
SENTINEL BUTTE 20 S	–			.10		.48	T											T					.24		T	.15				–		
SHARON	1.54	T	T	.02		.25	.02			.07																	T	.12		1.06		
SHERWOOD 3 N	.75	.60																	.15											T		
SHIELDS	1.72			.10		.09	.03				.20								.24		.17			.15						.74		
STANLEY	2.53	.78				.26	.16												.36	.16									.62	.19		
STEELE	1.68	T		.07	T		.03	.02		.03	.06	T					T	.25	T	T				T				.23	T	.86		.13
SYKESTON	1.04			T		.04		.05		T														T				.08		.87		
TAGUS	1.13	.30				.10					T										.31			.25				.08	.07	.02		
TIOGA	3.46	1.75																	1.00	.40				.31								
TOLLEY 5 NNE	.60																				T		.02		.03				.10	.45		
TOWNER	.54	.36																						.18								
TROTTERS 6 WNW	3.90	.05		.27		.52					.03								1.11	1.62									.01		.29	
TURTLE LAKE	2.39					.25	.04										.43		.02		.52			1.00		.04	.09		T			
TUTTLE	1.96	T	T	.01		T	.28			.10	.03						.10									.02		.81	T	.61		
UNDERWOOD	1.35						.07													.03	.46			.77			T		T	.02		
UPHAM 3 N	.87	.11					T																						.21	.55		
UPHAM 3 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VALLEY CITY	1.09		.01	.22		.07	T			.06								.33						.02			.02		.28	.08		
VELVA	1.01	.11				T	T												.04	.07	.20	.23		.32			.04					
VERONA	1.20			*	.52	.03																.02					T	T	.05	.58		
WAHPETON STATE SCHOOL	3.58	.03		.49			.20	.03		T		1.52			T			.06							.05				.90	.30		
WALHALLA	2.60	1.30				.11	.36	.16																.03			.14		.38	.12		
WARWICK	–	–	–	–	–	–	–	–	–	–	–																.02			.64		
WASHBURN	.75	.14	T	.01		.04					T								.08	T	.20			.25		T		.02	T	.01		
WATAUGA 8 N S OAK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WATFORD CITY	2.72	.38				.28	.14				.04							.09	.52	1.17										.10		
WATFORD CITY 14 S	3.21	.47	.39			.33	T	.04			.04							.70	.59										T	.65		
WESTHOPE	1.42	.63					.02															.02		.13			.02	.57	.03			
WILDROSE	2.93	.40	.24			.17	.05												1.22	.39	.09		.04	.16	.17							
WILLISTON WB CITY R //	.37	.05	T		T	.01	.01			T	T							.01	.08	.13	T				.07				T	.01		
WILLOW CITY	.31	.09				T	T																	.11					.02	.09		
WILTON RR STATION	.56			.09			.14	T				.01								.11		.02		.11				.02		.06		
WISHEK	1.20	T		.20	T						T	.11				.09	.24							.08			.10	.38				
WOODWORTH 5 E	.64	.13		T		T	.05			.06																		T		.40		
ZAHL	2.89						.02												2.02	.25					.54	T				.06		

EVAPORATION AND WIND

Table 6

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
Devils Lake WB City	EVAP	.15	.16	.21	.25	.10	.12	.15	.24	.21	.21	.24	.28	.44	.23	.25	.24	.22	.22	.24	.33	.31	.29	.09	.32	.28	.23	.23	.24	.07	.23	.26	7.04
	WIND	39	19	33	24	19	*	102	20	35	31	47	49	52	52	19	18	30	21	27	38	61	42	31	36	32	18	26	36	23	30	29	1039
Dickinson Exp. Sta. (A)	EVAP	.13	.17	.30	–	.14	.19	.10	.12	.11	.13	.10	.09	–	.08	*	*	.17	.14	–	.02	.03	.04	.04	.05	.09	.07	.06	.08	–	.06	.08	2.97B
	WIND	85	75	105	50	115	85	70	30	120	80	80	75	65	90	40	40	100	95	65	100	150	130	80	40	130	90	50	100	70	35	50	2590
Edgeley Exp. Farm	EVAP	.21	.19	.04	.08	.21	.16	.14	.07	.35	.13	.12	.25	.27	.39	.33	.35	.14	.27	.38	.23	.32	.29	.29	.24	.31	.32	.31	.15	.25	.26	.30	7.35
	WIND	40	30	24	92	42	38	46	45	56	37	46	38	41	60	38	33	18	30	38	56	62	50	57	59	53	47	40	26	48	43	43	1376
Mandan Exp. Sta. (A)	EVAP	.15	.14	.16	.15	.13	.19	.22	.17	.21	.20	.11	.19	.25	.24	.17	.12	.21	.24	.18	.17	.23	.27	.21	.16	.23	.15	.22	.12	.22	.11	.16	5.68
	WIND	137	75	109	82	41	94	133	60	88	57	48	78	82	118	30	31	79	71	65	127	148	162	131	95	102	59	81	93	87	39	66	2668
Riverdale	EVAP	.28	.19	.23	.14	.25	.29	.18	.30	.37	.33	.23	.32	.29	.32	.31	.31	.25	.41	.15	.15	.32	.55	.24	.15	.35	.24	.29	.20	.23	.22	.20	8.29
	WIND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(A) Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1953

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7SW	MAX	83	85	68	76	82	70	75	83	92	77	81	90	90	86	85	86	86	87	82	81	84	87	86	90	86	83	80	84	82	89	96	83.5
	MIN	64	60	58	51	51	48	45	53	56	53	53	53	60	49	53	58	53	59	59	54	59	61	60	63	58	58	57	57	58	57	63	56.2
AMENIA	MAX	82	76	73	75	75	72	75	80	81	85	82	89	93	81	81	87	88	87	85	85	87	88	83	90	94	98	88	80	85	89	98	84.3
	MIN	67	62	63	54	51	56	55	54	54	61	62	56	57	52	47	52	56	57	56	56	51	56	54	62	62	69	70	66	70	60	65	58.5
AMIDON	MAX	86	84	81	67	75	77	68	75	85	85	72	77	93	85	76	82	84	75	83	89	94	93	95	89	100	93	86	82	86	79	89	83.4
	MIN	63	63	58	50	53	50	44	48	56	54	45	54	53	53	49	50	54	57	51	55	58	55	56	59	51	54	58	57	53	56	60	54.1
ARVILLA STATE PARK	MAX	87	80	75	75	74	70	76	84	82	86	81	92	88	81	82	82	84	92	88	87	89	89	85	90	98	98	88	80	74	89	99	84.7
	MIN	64	57	60	51	42	54	55	45	53	62	56	53	64	47	44	45	42	53	57	55	52	51	56	65	61	67	66	54	59	68	68	55.7
ASHLEY	MAX	87	79	67	74	80	68	72	79	83	72	77	86	99	81	82	81	82	86	83	84	85	87	81	90	92	94	84	87	82	90	97	82.9
	MIN	67	64	62	50	53	53	52	44	60	55	55	46	55	47	50	50	55	58	58	58	58	61	58	58	64	68	67	63	62	54	68	57.2
BEACH	MAX	88	87	82	67	78	74	69	76	88	83	74	77	92	83	79	84	85	88	86	81	91	93	91	89	96	85	83	81	84	80	88	83.3
	MIN	60	61	58	55	54	50	41	46	55	52	47	49	50	50	49	53	57	59	58	53	56	59	53	61	49	49	53	56	55	53	59	53.5
BELCOURT INDIAN RES	MAX	74	81	70	72	72	64	75	80	87	80	77	86	80	76	80	79	82	87	87	84	88	89	80	89	88	90	83	73	77	86	91	80.9
	MIN	57	61	53	48	49	50	50	40	53	49	48	50	48	42	49	53	53	49	50	54	60	53	58	55	64	57	56	53	56	46	59	52.4
BELFIELD	MAX	84	81	78	77	76	67	76	84	80	84	76	91	86	78	79	84	88	81	79	85	86	88	86	90	86	81	82	84	80	88	87	82.3
	MIN	65	62	50	53	51	46	39	44	48	46	44	44	46	45	44	49	51	55	56	58	56	55	58	59	52	50	52	55	52	51	59	51.5
BISBEE	MAX	80	82	78	72	71	70	74	82	89	81	79	89	82	77	80	81	86	89	89	86	89	91	81	93	91	83	75	72	78	80	86	81.8
	MIN	60	62	62	42	47	51	50	50	54	55	52	52	56	46	48	50	49	54	56	53	53	56	56	58	64	60	59	55	59	55	60	54.3
BISMARCK WB CITY	MAX	88	80	74	71	79	80	69						90	87	82	85	87	84	85	85	86	86	84	86	91	90	92	83	87	84	90	84.0
	MIN	69	60	60	52	54	56	53		56	54	55	54	51	51	53	55	54	62	61	63	63	64	62	61	63	63	65	64	63	59	66	58.9
BISMARCK WB AIRPORT	MAX	82	80	71	77	82	72	78	86	92	78	80	93	90	83	85	87	87	89	89	87	88	92	87	93	90	93	84	89	83	91	101	85.8
	MIN	68	64	58	50	57	54	50	46	60	51	51	48	55	48	49	52	55	62	58	62	65	65	64	59	65	62	63	61	62	59	63	57.6
BOTTINEAU	MAX	85	79	82	75	75	75	65	76	81	88	80	79	88	81	78	81	82	87	89	89	85	89	88	75	90	87	93	85	79	81	90	82.5
	MIN	60	60	57	52	53	47	44	47	59	54	50	49	51	44	44	55	55	60	57	61	60	60	63	59	63	63	62	60	56	47	58	55.2
BOWBELLS	MAX	85	82	73	73	75	70	67	77	82	82	75	78	88	71	76		84	86	84	81	84	90	87	80	89	84	84	81	80	80	90	80.6
	MIN		58	55	53	54	51	43	47	60	55	53	52	52	44		47	55	60	54	59	58	62	64	57	55	51	51	55	55	52	60	54.2
BOWMAN COURT HOUSE	MAX	82	82	67	73	77	72	75	84	84	79	76	90	90	84	81	83	86	87	85	91	88	83	87	95	93	88	84	86	83	89	91	83.7
	MIN	63	62	55	51	50	48	43	49	54	53	46	49	56	55	51	51	55	60	54	55	52	53	55	57	49	51	58	48	53	55	60	53.3
BUTTE	MAX			88	71	75	75	65	74	84	90	79	78	90	82	78		82	87	89	85	86	88	90	83	92	83	86	82	88	83	91	83.0
	MIN			58	44	53	50	48	47	52	57	52	56	59	50	46		48	55	59	59	63	63	62	59	63	58	55	53	56	54	63	55.1
CARRINGTON	MAX	86		79	76	76	75	70	75	82	82	77	80	89	90	79	82	84	88	92	87	85	86	89	83	93	93	95	82	89	79	90	83.8
	MIN	60		64	52	51	53	52	48	50	55	55	57	62	47	52	50	52	54	54	55	60	58	57	59	59	59	60	57	59	56	56	55.4
CARSON NO 2	MAX	83	80	78	68	74	78	77	73	83	88	73	77	89	88	80	83	83	85	86	80	81	84	87	83	90	85	85	83	86	85	90	82.1
	MIN	66	64	50	54	53	49	45	52	58	54	46	56	56	51	55	57	57	61	55	58	61	60	60	57	58	57	62	60	61	58	59	56.5
CAVALIER	MAX	83	79	76	72	70	68	75	83	82	83	80	90	84	77	79	78	85	89	91	88	91	91	86	93	94	90	84	82	75	89	99	83.4
	MIN	62	60	59	55	49	55	56	53	54	61	56	53	59	51	50	49	46	51	57	55	55	55	58	59	63	61	62	55	60	56	56	55.8
CENTER	MAX	80	84	71	79	79	72	75	84	89	83	78	90	89	81	85	88	85	84	83	83	84	85	83	90	86	86	86	84	80	90	98	83.7
	MIN	63	64	63	45	53	54	47			50	50	44	54	42	45	56	50	56	52	54	58	55	61	55	58	55	60	54	62	52	55	54.0
COOPERSTOWN	MAX	85	79	75	75	84	72	75	83	85	85	80	90	94	83	82	82	89	91	90	86	90	92	87	93	95	97	94	88	88	90	99	86.4
	MIN	64	61	62	47	49	54	53	47	56	60	54	49	57	47	47	51	53	54	57	57	57	57	58	62	64	67	64	63	60	58	68	56.7
CROSBY	MAX	80	74	72	78	72	70	77	85	83	75	79	92	86	78	83	88	90	82	78	83	91	88	88	88	86	83	79	79	79	87	82	81.8
	MIN	60	57	57	51	57	52	43	46	63	57	54	49	49	48	49	50	55	61	55	58	63	63	62	55	54	50	49	56	56	53	56	54.5
DEVILS LAKE W B CITY	MAX	79	84	73	74	67	67	74	82	86	81	79	90	84	78	80	82	87	90	90	88	90	91	82	93	95	90	85	83	76	90	101	83.6
	MIN	63	63	55	49	51	52	52	51	58	59	55	56	59	50	48	51	53	58	59	58	62	62	62	60	69	65	64	57	63	58	64	57.6
DICKINSON CAA AP	MAX	84	82	68	76	76	67	75	84	85	74	77	91	85	80	84	83	86	82	80	84	86	86	86	93	84	83	82	82	79	90	91	82.1
	MIN	64	60	57	55	53	48	44	49	56	53	48	50	55	51	53	52	56	60	58	59	59	57	60	59	54	53	58	57	56	57	60	55.2
DICKINSON EXP STATION	MAX	85	85	83	69	77	77	68	74	85	86	76	78	93	86	86	85	86	88	83	81	85	87	86	86	95	83	83	83	82	80	91	83.0
	MIN	66	60	57	57	54	47	41	47	54	50	47	44	49	46	49	52	55	62	56	57	60	57	61	60	53	52	53	58	56	52	54	53.7
DRAKE	MAX	87	77	82	70	79	75	65	74	83	91	79	78	89	84	78	80	84	87	89	88	85	87	89	83	91	86	86	83	85	82	91	82.8
	MIN	63	63	60	50	56	51	48	50	59	54	53	55	60	46	48	53	54	58	61	61	63	60	62	61	60	60	54	57	59	55	64	56.7
DUNN CENTER	MAX	85	86	84	71	78	78	69	77	85	82	79	80	93	85	84	87	87	90	78	73	82	85	84	85	90	82	86	82	82	80	90	82.5
	MIN	62	52	56	44	51	47	40	39	47	45	43	42	48	41	45	49	50	58	55	55	55	53	55	57	55	50	53	54	57	51	50	50.3
ECKMAN	MAX	86	78	81	74	75	75	65	73	84	88	80	79	90	80	82	84	84	84	87	85	85	87	86	89	90	86	88	83	83	85	90	82.8
	MIN	61	61	59	47	55	47	42	40	57	50	51	47	51	43	41	53	57	57	56	56	62	57	58	56	61	50	53	53	51	50	53	52.7
EDGELEY EXP FARM	MAX	86	84	72	68	74	83	71	75	80	84	77	81	89	102	82	85	83	86	88	88	86	87	88	89	92	95	98	81	87	84	92	84.4
	MIN	69	63	62	52	51	55	54	47	53	59	56	50	57	47	50	49	50	54	51	55	55	53	56	57	60	68	71	64	60	57	64	56.4
EDMORE 1 W	MAX	72	83	80	70	62	60	70	80	80	78	75	85	80	75	78	78	80	85	90	86	89	90	80	90	93	90	85	87	75	89	99	81.1
	MIN	60	62	60	45	43	53	50	45	53	55	50	55	55	42	45	40	48	51	55	50	60	60	60	55	65	60	63	57	60	52	65	54.0
ELBOWOODS	MAX	86	85	80	78	78	70	79	88	89	81	78		89	84	88	88	90	83	80	85	90	90	88	93	88	91	88	83	85	95	95	85.5
	MIN	63	58	57		58	53	44	43	60	48	45		58		43	52	54	60	56	59	63	56	65	60	51	54	57	55	59	50	54	54.8
ELLENDALE	MAX	87	73	70	74	84	75	74	79	84	79	80	89	97	87	84	84	85	87	84	85	87	88	84	91	94	98	93	84	85	91	97	84.9
	MIN	68	64	63	54	56	56	55	51	58	60	60	52	56	52	54	54	58	55	56	58	59	58	60	59	65	72	71	66	64	60	66	59.4
ENDERLIN	MAX	88	83	75	70	75	81	70	75	80	82	83	81	89	93	80	84	82	85	88	87	86	88	89	82	90	94	100	80	83	85	90	83.8
	MIN	59	63	63	56	50	53	53	49	54	61	60	51	52	48	48	48	48	52	52	55	53	55	55	63	63	64	74	66	63	59	66	56.6
EPPING	MAX	86	83	74	71	78	75	77	85	82	85	78	92	92	82	85	88	87	88	75	81	90	91	88	88	86	86	85	84	84	91	91	84.1
	MIN	62	58	57	52	58	53	42	48	59	55	48	54	53	46	52	58	56	61	59	60	62	60	63	58	52	54	56	59	60	53	58	55.7
FARGO WB AIRPORT	MAX	82	75	70	75	77	69	73	80	81	84	81	88	93	80	82	80	86	87	85	86	88	88	87	90	94	98	82	78	80	89	95	83.3
	MIN	65	63	62	56	52	54	54	51	61	64	59	51	62	52	52	52	54	63	64	60	59	61	61	64	68	73	72	66	63	60	72	60.3
FESSENDEN	MAX	81	82	78	75	76	71	75	83	90	80	79	89	87	80	84	82	88	90	87	88	88	90	85	93	89	91	86	89	84	91	101	84.9
	MIN	61		55	46	51	58	49	45	54	52	51	48	55	44	45	43	50	55	57	58	61	57	61	55	62	63	63	52	61	52	67	54.4
FORMAN	MAX	82	77	70	83	84	71	80	80	86	81	87	87	94	92	84	84	85	88	86	87	89	89	80	91	95	99	89	82	85	91	95	85.6
	MIN	68	64	62	56	58	58	53	48	59	59	50	50	62	50	58	50	57	57	56	57	48	52	59	59	58	76	75	66	63	58	74	58.7
FORT YATES	MAX	86	81	70	79	83	77	77	81	90	88	80	90	97	86	86	84	85	87	85	83	85	87	86	90	92	96	91	90	84	91	102	86.1
	MIN	69	63	65	50	57	51	50	43	61	55	55	48	50	51	56	56	54	63	59	60	62	65	62	59	63	69	63	62	64	58	67	58.4
FOXHOLM 7 N	MAX	86	78	75	76	74	69	78	80	86	83	78	91	91	79	83	85	89	88	83	85	89	89	87	91	90	86	87	84	82	90	89	83.9
	MIN	50		58	49	54	52	47	46	58	55	55	56	53	49	46	47	50	57	53	59	63	57	61	53	60	54	57	57	59	48	57	54.2
FULLERTON	MAX	84	74	68	72	84	74	75	79	84	80	79	88	96	87	85	82	87	88	86	85	87	88	85	92	96	100	84	84	84	90	97	84.6
	MIN	70	65	63	54	56	55	55	50	58	60	61	51	57	52	55			55	55	56	56	58	58	59	61	71	71	66	63	59	67	59.2

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	82	82	72	74	72	68	72	83	86	74	77	87	95	87	83	85	85	88	86	85	87	87	81	93	95	99	90	91	83	90	99	84.5
	MIN	67	63	56	51	56	54	52	48	60	57	54	51	59	50	51	54	55	56	59	61	59	61	61	61	61	69	67	62	67	58	67	58.3
GARRISON	MAX	89	77	83	72	78	79	69	78	85	92	78	79	91	84	81	84	85	88	84	85	83	87	89	83	90	85	86	84	85	84	92	83.5
	MIN	63	60	59	47	50	53	46	46	53	53	49	52	55	46	48	51	56	59	57	59	61	59	59	61	60	59	59	58	60	54	60	55.2
GRAFTON STATE SCHOOL	MAX	81	80	79	70	68	67	75	83	80	82	78	92	90	80	81	79	87	90	92	90	90	90	88	90	96	98	92	83	74	88	100	84.3
	MIN	61	59	61	54	45	56	60	50	55	62	56	53	61	49	46	47	47	54	59	56	53	53	54	58	61	64	61	58	59	57	66	56.0
GRAND FORKS CAA AP	MAX	82	83	74	74	72	69	76	86	83	90	81	92	86	78	80	79	85	92	90	87	89	90	85	89	97	97	83	81	75	89	97	84.2
	MIN	65	62	60	53	49	56	55	49	56	63	55	51	57	48	47	46	50	59	60	58	55	56	58	66	67	72	68	63	59	58	67	57.7
GRAND FORKS UNIVERSITY	MAX	84	80	75	74	73	67	76	83	82	88	82	91	88	79	80	80	85	88	88	86	88	89	84	88	96	97	87	81	74	87	96	83.7
	MIN	68	63	64	55	50	55	58	51	57	63	59	54	62	50	53	46	52	58	62	59	58	62	60	66	69	73	71	65	60	59	69	59.7
GRAND RAPIOS 1N	MAX	84	80	72	72	84	72	74	78	84	80	80	88	95	85	84	84	87	88	87	86	88	91	87	90	95	98	89	89	84	92	98	85.3
	MIN	69	63	62	53	51	55	54	44	57	60	56	47	57	47	44	49	52	54	54	52	58	59	57	61	63	68	70	65	62	55	65	56.9
GRANVILLE	MAX	79	81	72	74	75	70	75	84	90	84	79	91		84	81	84	88					91		92	87	89	84	81	81	93	95	83.4
	MIN	62	64	59	52	56	51	48	46	60	54	54	53		48	45	51	54						59	58	57	59	57	56	58	53	60	55.0
GRENORA	MAX	82	83	74	78	78	74	75	84	81	82	78	91	89	78	83	82	87	80	77	80	91	91	87	80	83	82	79	78	79	87	81	81.7
	MIN	61	59	54	55	52	53	42	46	52	53	51	61	53	45	48	56	51	56	58	57	58	63	53	52	49	50	50	57	56	52	55	53.5
HANKINSON R R STATION	MAX	84	83	75	67	75	84	71	70	78	81	86	80	85	93	79	77	81	80	84	83	82	84	85	84	89	94	96	92	74	85	89	82.3
	MIN	68	63	62	57	53	57	53	51	55	59	61	57	60	55	57	54	56	58	58	57	55	58	56	57	64	70	74	64	64	62	60	59.2
HANNAH	MAX	74	81	70	68	63	65	72	80	85	83	76	86	82	75	77	75	81	89	88	86	87	90	79	91	88	91	82	80	73	87	94	80.6
	MIN	58	60	55	48	45	51	49	52	52	52	52	48	53	42	43	40	47	51	58	54	60	57	59	58	65	59	57	59	56	49	63	53.3
HANSBORO	MAX	83			71	75	64	74	81		88	79	89	79	77	80	78	80	86	88	86	89	90	73	92	89	92	83	77	74	87	94	82.1
	MIN	62			45	45	50	49	49		52	51	53	49	47	45	46	45		56	50	59	54		56	64	55	56	52	57	52	63	52.4
HETTINGER	MAX	80	80	66	73	71	68	72	81	84	78	75	87	86	76	79	80	84	85	82	80	84	85	86	93	85	88	83	84	78	90	95	81.2
	MIN	63	60	56	52	51	51	44	50	54	56	47	49	56	54	54	51	54	58	53	56	58	58	57	58	53	55	59	59	58	55	64	54.9
HILLSBORO	MAX	84	76	71	75	74	69	73	81	80	88	82	90	92	83	82	81	86	88	86	86	88	89	83	89	92	95	90	76	78	89	96	83.6
	MIN	64	60	54	52	48	54	54	51	51	57	60	51	59	51	49	50	48	54	59	55	50	50	52	60	63	69	68	65	59	58	62	56.0
JAMESTOWN CAA AP	MAX	79	79	68	75	78	69	74	81	84	76	79	89	93	79	81	82	88	89	86	87	89	89	82	92	94	99	81	90	82	90	100	84.0
	MIN	66	63	57	50	53	55	51	46	57	58	55	50	54	47	49	48	51	55	55	56	59	60	59	61	65	68	66	60	61	57	66	56.7
JAMESTOWN STATE HOSP	MAX	81	82	74	75	79	73	75	82	85	82	80	91	94	80	83	83	89	90	87	87	90	90	82	93	95	100	90	92	80	90	101	85.6
	MIN	67	64	63	51	54	55	55	49	58	60	57	50	57	50	49	50	51	57	57	57	60	61	60	63	66	70	67	61	62	59	67	58.3
KENMARE	MAX	86	80	75	75	77	70	67	78	84	85	78	78	90	78	77	85	86	87	85	81	83	89	90	81	91	87	85	83	82	85	90	82.2
	MIN	58	58	54	45	53	51	43	49	56	53	52	53	49	45	46	49	57	58	52	56	56	61	61	58	55	49	49	55	55	58	60	53.4
KENSAL WILOLIFE REFUGE	MAX	82	77	73	79	76	73	78	83	84	80	84	90	90	84	85	87	90	90	86	87	87	88	84	92	95	100	98	91	91	89	102	86.3
	MIN	60	64	62	46	50	54	53	44	54	54	52	52	52	46	46	43	48	55	57	58	60	60	60	58	63	65	64	59	59	56	64	55.4
LANGOON EXP FARM	MAX	78	80	78	69	66	64	73	80	85	83	78	87	83	75	79	77	84	88	89	87	90	90	85	93	98	94	88	84	75	85	96	82.6
	MIN	57	58	55	48	46	50	49	47	55	55	52	49	55	43	43	43	47	54	56	57	58	60	62	58	65	59	60	56	58	52	66	54.0
LARIMORE	MAX	86	75	77	78	75	69	75	82	84	87	86	91	88	81	82	80	84	88	85	86	89	90	83	91	97	98	89	80	75	90	100	84.5
	MIN	64	52	54	55	45	53	50	49	56	62	56	56	58	50	47	51	48	59	52	57	54	57	57	65	67	70	67	60	60	61	67	56.7
LEEOS	MAX	86	84	78	75	72	71	74	82	89	87	78	89	86	77	80	82	88	90	88	87	90	91	82	93	91	90	86	84	81	91	100	84.6
	MIN	61	62	58	45	47	51	49	45	55	53	52	53	59	44	42	45	48	55	53	55	61	58	61	58	66	59	66	59	59	52	66	54.7
LINTON	MAX	89	79	72	80	84	70	77	84	92	85	80	90	95	83	87	86	85	89	88	85	88	90	86	93	94	99	87	92	82	92	101	86.6
	MIN	71	67	58	50	57	53	51	43	63	54	55	45	53	48	53	53	55	62	62	58	62	63	63	63	64	70	65	67	64	58	65	58.5
LISBON	MAX	85	82	75	76	83	79	74	80	85	85	80	87	93	92	85	83	81	88	86	85	87	89	86	90	93	96	95	83	85	91	96	85.6
	MIN	65	65	63	57	52	58	53	51	57	60	61	51	55	50	50	48	52	56	56	53	55	55	55	66	66	73	73	66	64	57	64	58.3
LOSTWDOO 12N	MAX	83	72					75	81	81	76	75	87	84	76	82	84	86	82	83	82	86	89		90	87	82	79	81	79	88	85	82.1
	MIN	58	57					43	45	52	51	49	50	52	46	43	49	54	58	52	57	61	59		55	51	48	52	54	55	55	58	52.5
MAOOOCK AGR SCHOOL	MAX	81	82	77	76	72	69	76	82	89	84	77	90	87	79	83	83	90	93	89	90	91	92	87	94	90	91	87	84	81	92	103	85.2
	MIN	61	61	59	45	59	53	50	55	56	54	54	53	57	46	46	49	49	55	57	59	62	56	61	58	56	61	62	55	62	51	60	55.5
MANOAN EXP STATION	MAX	87	81	81	70	76	79	69	75	84	90	77	78	91	87	82	84	85	88	87	85	84	85	88	85	91	88	88	82	86	81	89	83.3
	MIN	67	64	58	49	56	53	48	44	59	52	51	48	54	48	50	53	55	59	57	61	62	60	62	57	63	60	63	59	62	57	63	56.6
MANOAN FT LINCOLN PARK	MAX	87	85	76	80	82	72	76	86	95	85	82	95	91	82	82	86	87	85	85	84	87		88	91	90	91	85	89	85	92	102	86.1
	MIN	67	63	57	48	54	51	48	43	56	51	49	47	55	47	50	50	52	58	56	60	60	66	61	57	61	67	61	67	61	55	64	56.2
MARMARTH	MAX	86	83	75	78		72	79	87	84	78	78	93	90	80	84	84	90	88	89	91	91	90	86	96	88	84	84	86	78	81	90	84.8
	MIN	66	66	65	50		49	40	46	53	52	48	43	48	58	48	48	48	58	55	56	60	58	55	60	50	50	58	58	55	56	57	53.8
MAX	MAX			88	72	75	80	65	82	84	90	78	78	92	80	82		83	88		83	88	86	88	86	88	85	86	86	82		92	83.3
	MIN	62	63	58	50	55	52	47	57	52	55	50	50	54	47	48		52	56	52	59	58	57	58	58	60	60	58	62	60	52	56	55.3
MAYVILLE	MAX	85	79	76	75	74	70	77	80	82	88	82	90	92	79	83	76	87	89	88	88	89	89	83	89	95	98	90	85	75	88	97	84.5
	MIN	68	62	58	56	49	54	54	50	56	62	52	51	60	50	48	48	50	60	58	58	54	53	56	64	65	70	68	64	60	60	67	57.6
MC CLUSKY	MAX	85	85	76	76	77	70	81	83	92	84	77	90	87	79	82	84	86	88	86	86	88	91	84	95	90	83	83	90	86	90	102	85.0
	MIN	62	63	59	51	55	59	49	58	61	57	51	51	56	49	48	53	56	59	61	62	64	60	62	60	63	59	60	60	61	56	63	57.7
MC HENRY 5 N	MAX	78	78	72	74	70	68	74	81	84	76	78	89	90	79	80	80	87	89	87	86	88	90	81	91	95	95	85	88	78	88	101	83.2
	MIN	60	57	61	41	47	52	52	47	54	58	50	49	55	44	48	49	50	55	55	54	51	54	57	57	63	62	61	59	60	57	62	54.2
MC LEOO 3 E	MAX	83	80	74	78	83	75	72	80	82	85	80	83	93	83	86	85	84	88	85	88	86	88	85	90	95	98	90	79	85	89	95	84.7
	MIN	66	62	59	56	52	57	52	48	57	61	59	48	53	46	51	42	55	58	56	52	55	56	67	64	66	73		65	64	58	67	57.5
MEOORA 4 NNE	MAX	89	87	78	80	78	78	78	88	85	82	79	94	89	82	86	89	90	88	82	90	92	88	87	97	94	84	83	85	81	91	90	85.9
	MIN	64	63	60	57	56	48	40	51	55	49	43	40	46	47	45	52	57	60	60	61	62	60	58	58	55	49	60	62	58		54	54.3
MINOT CAA AP	MAX	75	81	73	74	73	66	76	83	88	78	77	91	81	78	81	84	85	85	80	84	88	89	78	91	85	88	83	80	83	91	93	82.0
	MIN	62	61	57	51	56	52	48	53	62	57	55	60	60	48	46	51	54	59	59	58	62	62	62	59	61	55	56	55	60	56	61	56.7
MINOT EXP FARM	MAX	83	80	75	75	74	69	76	82	89	83	78	90	87	78	81	84	87	85	81	84	87	88	85	88	85	88	82	81	82	90	94	82.9
	MIN	59	59	55	48	53	49	44	48	60	53	52	55	56	46	45	46	55	57	55	56	61	59	59	55	57	52	53	52	56	51	64	53.9
MOFFET 4 SE	MAX				71	79	75	71	80	89	79	75	87	85	83	82	79	85	85	85	82	85	87	83	91	91	90	85	88	89	88	98	83.8
	MIN	68	64	61	49	53	53	52	39	58	50	51	45	53	40	44	47	52	55	59	60	60	61	60	56	61	61	62	61	60	54	63	55.2
MOHALL	MAX	82	80	76	76	75	68	79	84	87	80	80	91	83	80	85	83	87	86	84	84	91	89	79	91	87	90	85	81	82	91	89	83.4
	MIN	60	59	55	51	54	48	42	46	59	53	54	49	55	45	43	50	52	58	55	60	61	57	63	55	59	49	50	58	54	51	59	53.7
MOTT	MAX	82	82	69	74	77	68	75	81	85	77	76	83	85	77	81	81	84	82	81	83	84	85	86	92	84	85	81	81	81	90	93	81.5
	MIN	64	63	57	56	52	51	43	47	54	51	45	43	50	47	51	49	55	59	55	62	57	58	56	56	52	52	58	55	56	55	58	53.8
MUNICH 4 SW	MAX	74	78	71	68	65	64	72	78	83	78	78	[illegible]	83	76	79	77	82	87	86	84	86	88	78	88	89	91	85	82	74	86	96	80.4
	MIN	59	60	56	43	46	50	49	48	52	53	51	[illegible]	52	42	43	43	48	52	56	55	60	57	59	56	66	60	59	54	57	51	62	53.2

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	82	78	70	76	82	73	78	83	88	81	79	88	98	85	87	82	85	89	87	85	88	90	85	93	93	98	91	93	86	90	100	85.9
	MIN	69	64	63	47	47	54	52	44	61	54	55	47	56	48	50	51	56	58	58	60	61	62	60	59	67	68	64	63	62	56	68	57.5
NEW ENGLAND	MAX	85	82	74	75	77	72	76	83	86	81	77	91	87	78	83	84	91	85	83	86	86	85	81	93	86	84	82	84	79	90	90	83.1
	MIN	65	62	59	55	54	52	43	46	55	52	47	44	54	48	49	48	59	58	57	57	57	54	58	57	52	52	59	56	55	55	57	54.1
NEW SALEM 1 S	MAX	84	85	68	74	79	69	77	84	91	74	79	90	87	83	83	85	86	86	82	82	85	87	88	91	85	87	81	85	86	90	96	83.5
	MIN	64	62	58	52	53	48	49	48	56	54	48	53	62	49	54	55	51	52	51	53	58	55	56	57	60	57	56	55	60	58	62	55.0
NEWTOWN	MAX	82	82	75		77	71	77	84	85	79	78	92	90	80	85	86	87	76	76	89		89	84	90	90	89	85	83	80	90	88	83.4
	MIN	62	60	58		50	53	47	49	61	56	51	48	52	49	47	54	56	62	56	60		58	62	59	58	56	59	58	60	52	58	55.6
OAKES	MAX	86	81	65	67	71	81	68	72	76	83	82	78	86	92	78	81	80	84	85	85	85	87	87	81	87	92	96	84	80	82	89	81.6
	MIN	69	64	63	55	55	56	55	50	56	60	61	51	59	51	51	49	56	55	55	57	59	60	59	60	65	72	72	67	64	57	66	59.0
PARK RIVER	MAX	85	80	79	72	70	69	75	82	84	88	81	91	88	79	81	79	86	89	90	88	89	91	88	92	95	95	91	83	77	88	99	84.6
	MIN	63	60	61	54	48	55	56	52	53	60	57	52	65	53	51	48	49	54	59	60	53	54	58	60	60	64	63	56	61	59	67	56.9
PARSHALL	MAX	79	81	73	78	76	69	77	84	85	78	78	91	89	79	83	87	88	84	82	84	89	90	85	91	89	90	84	82	82	90	94	83.6
	MIN	62	58	58	47	54	53	42	54	59	47	44	46	47	42	43	52	56	62	53	56	64	57	62	58	51	49	58	57	60	59	57	53.8
PEMBINA 2N	MAX	88	87	74	72	68	68	75	77	83	83	81	88	83	80	76	81	84	82	90	87	87	90	83	90	95	89	82	85	68	85	100	82.6
	MIN	59	60	60	53	49	54	54	48	55	63	53	50	61	52	45	53	53	53	58	55	58	65	62	68	65	64	64	57	57	55	63	57.0
PETERSBURG	MAX	85	81	74	75	73	68	74	81	82	81	80	90	87	82	83	80	83	89	88	86	88	89	84	90	95	97	85	88	75	89	99	83.9
	MIN	61	61	60	45	50	53	54	50	56	61	53	51	59	47	47	48	52	56	60	56	54	61	58	62	65	64	63	58	66	57	69	56.7
PETTIBONE	MAX	79	76	72	75	80	70	75	82	89	83	80	89	90	80	83	85	86	90	87	86	87	88	83	94	92	98	89	93	90	89	98	85.1
	MIN	66	66	61	49	52	51	52	49	60	59	54	50	52	51	52	54	52	57	59	64	63	63	65	62	63	66	65	65	63	58	66	58.4
PORTAL	MAX	85	76	73	74	76	68	67	70	83	80	74	76	88	75	75	81	84	87	82	81	83	89	88	82	89	83	80	80	80	79	85	79.8
	MIN	56	55	54	52	55	51	42	48	59	53	51	49	54	43		51	50	60	55	55	61	59	61	55	52	51	50		56	51		53.2
POWERS LAKE 1N	MAX	87	75	73	75	72	66	76	82	81	76	78	90	81	80	81	85	86	81	75	82	87	87	88	87	87	90	80	80	87	90	86	81.6
	MIN	68	57	55	50	55	51	49	45	51	52	49		52	43	42	48	55		55	58	58	58	59	58	57	50	51	55	57	60	58	53.7
RICHARDTON ABBEY	MAX	85	81	76	77	77	71	77	83	87	81	78	91	87	83	87	85	86	78	76	81	84	86	87	91	87	83	80	83	81	90	95	83.0
	MIN	64	61	57	55	53	49	44	49	56	55	49	51	59	52	55	53	55	58	55	57	58	59	60	58	57	57	56	57	56	58	60	55.6
RIVERDALE	MAX	88	79	82	76	77	77	68	76	84	90	78	79	91	83	81	83	85	87	87	83	82	85	87	83	90	85	86	82	83	83	91	82.9
	MIN	63	62	59	49	54	53	48	48	59	55	53	53	56	50	49	51	56	60	56	59	62	58	61	60	61	57	59	55	60	56	62	56.3
ROLLA	MAX	73	82	71	71	73	64	74	81	87	79	85	88	80	75	79	78	82	88	87	86	88	89	79	91	89	92	84	73	74	88	93	81.4
	MIN	56	61	54	48	47	49	48	52	53	56	51	52	58	51	49	49	49	52	56	52	58	56	59	58	64	58	55	52	56	53	63	54.0
RUGBY	MAX	84	84	82	75	75	72	75	84	90	87	84	89	88	85	79	82	89	91	90	88	89	91	88	93	91	91	89	84	81	91	98	85.8
	MIN	62	64	60	49	49	52	48	49	58	55	54	54	57	47	48	53	54	59	60	62	64	62	61	63	66	65	62	57	61	53	63	57.1
SAN HAVEN	MAX	80	81	73	73	73	67	72	79	88	80	76	87	82	78	79	80	84	86	87	82	86	88	85	90	86	90	83	78	78	87	93	81.6
	MIN	58	63	56	49	53	51	49	48	58	56	52	49	52	49	49	56	55	62	60	60	61	59	63	59	66	63	60	59	58	51	60	56.3
SHARON	MAX	81	80	70	75	71	67	75	81	82	84	78	88	91	80	81	81	86	88	87	85	87	88	82	90	95	95	86	82	78	87	96	83.1
	MIN	63	61	62	50	49	55	54	50	56	62	55	50	60	48	50	52	57	58	58	60	53	59	60	62	64	65	64	60	60	59	66	57.5
STANLEY	MAX	76	76	76	75	72	64	74	78	81	74	75	90	85	85	82	89	87	72	76	84	89	89	81	90	84	85	82	80	80	81	84	80.5
	MIN	60	59	56	50	55	50		47	52	51	50	50	52	46	45	50	57	51	53	61	60	55	56	55	55		57	58	59	58	57	54.0
STEELE	MAX	85	78	73	76	78	78	75	83	90	85	79	89	91	83	85	85	86	89	85	85	87	88	90	93	93	97	87	90	85	90	99	85.7
	MIN	69	64	61	43	55	54	52	47	61	61	53	50	53	48	52	51	54	59	60	60	62	63	60	59	60	68	62	61	63	58	69	57.8
TOWNER	MAX	82	83	77	81	75	68	77	84	89	80	81	90	84	80	82	84	88	90	89	87	90	90	78	92	86	96	91	82	82	92	96	84.7
	MIN	55	57	56	45	47	45	46	49	52	53	51	57	50	44	44	47	52	56	56	58	62	57	55	62	58	54	59	52	52	48	53	52.6
TURTLE LAKE	MAX	83	83	78	77	79	68	76	83	92	89	78	91	88	80	84	84	86	82	84	83	86	88	88	90	86	85	83	88	83	90	97	84.3
	MIN	64	62	58	48	57	52	46	46	59	54	51	51	51	49	49	51	54	58	57	54	61	58	60	61	61	58	61	59	60	51	65	55.7
UNDERWOOD	MAX	91	76	83	71	78	80	69	76	85	93	79	79	90	84	82	83	85	88	86	87	84	86	89	83	89	85	85	81	86	85	91	83.5
	MIN	61	61	57	47	50	52	45	47	58	53	50	52	56	45	49	52	55	58	56	58	57	54	60	58	59	55	60	57	60	56	60	54.8
UPHAM 3N	MAX	85	81	80	80	77	75	82	86	97	89	85	92	87	85	87	87	91	94	89	90	91	92	87	94	86	96	90	83	83	90	99	87.3
	MIN	59	57	56	51	55	49	43	43	48	48	48	41	49	41	44	50	52	50	57	58	61	50	55	54	59	54	53	54	52	48	54	51.4
UPHAM 3 W	MAX																																
	MIN																																
VALLEY CITY	MAX	84	78	74	76	76	75	75	81	85	83	80	89	95	85	82	83	82	88	87	85	87	89	87	91	94	96	94	84	84	90	98	85.1
	MIN	69	64	64	54	52	57	55	47	57	60	58	50	59	50	47	50	52	55	57	54	57	59	57	63	64	71	70	66	63	58	68	58.3
VELVA	MAX	84	79	76	72	73	69	74	82	87	84	76	89	87	76	77	81	85	84	80	84	86	88	83	88	86	83	80	80	79	89	92	81.7
	MIN	63	63	59	49	56	52	49	44	62	59	55	55	60	47	45	49	54	60	60	60	60	62	62	59	63	56	56	53	60	53	62	56.4
WAHPETON STATE SCHOOL	MAX	84	83	74	79	81	75	74	80	83	88	81	86	93	89	86	83	83	86	88	85	87	87	88	90	95	98	94	84	86	93	95	85.7
	MIN	68	62	63	57	51	59	51	50	59	63	61	53	62	51	54	51	56	63	61	57	56	59	59	65	68	71	74	67	65	61	69	60.2
WASHBURN	MAX	89	84	81	78	81	72	79	83	93	80	80	91	86	84	86	86	87	86	87	85	84	87	84	90	87	86	83	88	85	92	98	85.2
	MIN	58	62	58	49	55	51	48	47	60	52	49	50	48	52	48	52	54	59	54	61	62	60	60	61	59	58	60	58	59	54	62	55.5
WATFORD CITY	MAX	85	82	75	79	76	69	76	85	83	77	77	92	91	82	85	87	89	78	70	83	89	88	87	90	83	86	84	84	83	90	88	83.0
	MIN	68	60	58	50	56	52	43	47	60	56	48	49	55	46	51	57	57	59	58	60	62	60	62	60	55	52	55	60	60	52	57	55.6
WATFORD CITY 14 S	MAX	87	86	78	79	78	74	76	82	86	84	80	95	94	84	87	92	90	75	75	89		87	87	93	91	87	83	85	84	91	90	85.0
	MIN	64	60	59	51	56	51	41	49	52	52	46	47	56	44	52	57	60	58	60	63		60	64	61	55	51	55	61	59	51	57	55.1
WESTHOPE	MAX	78	81	76	77	74	64	80	84	90	81	82	92	85	87	89	83	87	87	86	84	91	88	82	90	87	90	85	77	78	90	91	83.7
	MIN	58	61	60	50	53	46	43	45	55	50	48	49	52	55	53		55	60	56	60	67	59	60	55	57	52	51	57	53	50	56	54.2
WILLISTON WB CITY	MAX	85	75	74	78	75	68	75	86	82	77	78	91	78	80	84	86	87	73	71	84	90	86	87	89	84	84	82	83	80	89	85	81.5
	MIN	64	59	59	56	56	54	47	52	64	57	53	56	52	50	53	61	61	63	61	61	64	64	66	61	56	54	57	60	59	55	57	57.8
WILLOW CITY	MAX	78	86	75	77	78	67	79	83	90	82	81	90	86	82	85	83	88	91	88	87	90	90	76	91	91	96	89	79	83	91	97	84.8
	MIN	61	64	54	48	49	48	45	41	56	54	53	44	49	45	42	47	50	53	54	56	64	59	61	56	60	55	56	54	56	46	55	52.7
WILTON RR STATION	MAX			85	69	74	78	66			90	75	77	87	85			82	83	83	83	82			87	89	85	83	82	87		89	81.9
	MIN			57	50	55	51	47	47			53	46	54	49			52	56	56	60	59			56	61	57	59	60	59		55	54.5
WISHEK	MAX	84	82	71	74	81	78	74	81	86	84	77	88	97	87	81	81	84	82	86	84	86	87	86	91	92	96	91	90	87	90	98	85.0
	MIN	63	64	62	48	52	51	53	42	58	55	54	45	55	45	50	48	54	61	56	56	55	52	58	59	61	64	62	58	57	54	64	55.4

TABLE 6 FOR THIS ISSUE MAY BE FOUND ON PAGE 115.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	–		6P	Myron J. Sata	3
Alexander	0096	McKenzie	13	47 30	103 56	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 59	2300	7P	7P	Gogan Rameland	2 3 6 7
Ambrose	0189	Divide	12	48 58	103 28	2059		5P	Soo Line Agent	3
Amenia	0196	Cass	11	47 00	97 15	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	105 19	2910	8A	8A	Virginia M. Zundel	2 3 6 7 C
Antler	0263	Bottineau	12	46 58	101 20	1540		MID	W. S. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 50	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	6	46 02	89 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1815		MID	Raymond W. Meller	C
Balta	0300	Pierce	11	48 10	100 02	1550		6P	F. S. Chideester	3
Bantry	0516	McHenry	12	48 30	100 36	–		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tebine	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0659	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 3 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1800	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB City	0814	Burleigh	6	46 48	100 48	1670	9A	9A	U.S. Weather Bureau	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1850	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	6	48 51	100 53	1709		3P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	48 11	103 25	2872	5P	5P	O. S. Book	2 3 5 C
Bowman 11 SW	0998	Bowman	3	46 04	105 19	–		6P	Bernard L. Oomagala	3
Bowman 30 NNW	1001	Slope	7	46 55	103 31	2503		5P	John S. Hannon	5
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	48 56	102 08	–		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 30	100 40	1880	8A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	–		MID	Barry E. Barrin	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1385	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pice	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2363	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	B. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	48 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	3	47 39	99 37	1620	6P	6P	Emil S. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	–		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg	3277	Billings	4	46 53	103 18	2790		MID	Herman J. May	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		8P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	3	47 33	98 48	–		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	3P	5P	Dr. J. C. Lamont	2 3 3 7
Grand Forks CAA AP	3816	Grand Forks	10	47 56	87 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	8P	6P	Albert J. Nens	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Hjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2680		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Sdnel G. Crint	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	5836	Bowman	5	45 58	103 08	–		MID	J. S. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Einse	3 C
Hankinson R R Station	3908	Richland	10	46 04	98 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 58	98 41	1570	8P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	89 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Baxen Svans	C
Hazelton R R Station	4083	Emmons	8	48 28	100 17	1978		MID	Ephraim Zacher	C
Hettinger	4178	Adams	3	46 00	102 58	2680	6P	6P	Fred O. Perthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	48 15	102 39	–		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	801	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	88 55	1815		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	88 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	88 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2348		6P	Kenneth V. Berget	3
Kenmare	4648	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4858	Stutsman	5	47 16	98 52	1440	7P	7P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	5 7
Kramer 5 SE	4823	Bottineau	12	48 38	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4845	La Moure	5	46 18	98 57	1970		6P	John Stroebl	3
Langdon Exp. Farm	485R	Cavalier	9	48 43	98 20	1815	5P	5P	V. Sturlaugson	2 3 3
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	3
Larimore	3013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 3
Leeds	5078	Benson	2	48 17	99 28	1515	6P	6P	John Fager	2 3 3
Lefor 10 E	5086	Stark	4	46 38	102 21	2380		5P	Joseph Link	3
Linton	5210	Emmons	8	48 16	100 14	1711	8P	8P	William Beyerman	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	3P	5P	N.D. Soldiers Home	2 3 3
Litchville	5230	Barnes	11	46 38	98 11	–		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	8	47 14	102 48	2218		MID	Donald Jefferins	C
Marmarth	5573	Slope	7	46 18	103 53	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.D. Co.	5373	Slope	7	48 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5810	Sheridan	11	47 50	100 07	1810		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	87 18	875	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 3 7
McGregor R R Station	5720	Williams	8	48 38	102 56	–		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1508	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	3764	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	96 10	1467		6P	S. B. Kniefel	3
Medina 1 W	3798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	48 53	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	6813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 5 5 7
Medora 23 NNW	5618	Billings	7	47 14	105 36	2123		7P	Archie W. McAdoo	6
Melville	6835	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	6968	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N.D. Agri Exp Sta	2 5 5 7 C
Moffit 4 SW	6016	Burleigh	8	48 40	100 14	1760	5P	6P	U.S. Fish & W.L.Ser	2 5 6
Mohall	6025	Renville	12	48 46	101 31	1659	9P	9P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 33	–		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	48 23	102 20	2420	SS	SS	Forrest W. Ceffing	2 3 5 7 C
Munich 4 SW	8195	Cavalier	2	48 38	98 63	1588	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6233	Logan	8	48 28	98 45	1855	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Hettinger	1	48 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	8585	Morton	4	48 50	101 25	2163	6P	6P	William F. Gaebe	2 3 6
Newtown	6383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventech	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		8P	George Kostek	3
Northgate	8565	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	–		6P	Henry L. Erickson	3
Oakes	8820	Dickey	5	48 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	898	5P	5P	Martin Severson	2 3 5
Parshall	8887	Mountrail	8	47 57	102 08	1829	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 5 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	89 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 3
Pretty Rock	7311	Grant	1	46 11	101 51	–		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	–		MID	Alvin Larsen	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	5
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehren	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 3
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Tims	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 34	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	–		6P	Peter R. Young	3
Stanley	8276	Mountrail	0	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	0792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	Deep Rvr Dvlpmnt Fm	2 3 5 6
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	–		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Robert Bednarz	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	–		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	–	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	40 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2158	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	–		6P	John Rehrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distances in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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SEPTEMBER 1953
Volume LXII No. 9

$300.

KANSAS CITY: 1953

NORTH DAKOTA - SEPTEMBER 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

September was a warm and dry month. It was favorable for outdoor work and much of the fall work was completed earlier than usual.

The mean temperature for the state was 57.6 degrees which is 0.5 degree above normal. The eastern division averaged 58.1 degrees which is 0.6 degree above normal; the middle division averaged 57.5 degrees which is 0.5 degree above normal; and the western division averaged 57.3 degrees which is 0.5 degrees above normal. The highest temperature was 100 degrees reported on the 1st from Ft. Yates, Carson and Edgeley. However, it should be noted these temperatures actually occurred on August 31st. A warm period from the 7th to the 10th brought temperatures to around the 90 degree mark at most stations. The first killing frost occurred at most stations around the 21st with the least damage reported in the east portion of the state. A low of 19 degrees was reported at Upham and Powers Lake on the 21st. The mean temperature ranged from 61.4 degrees at Ellendale to 52.8 degrees at Belcourt.

Precipitation over the state averaged 0.88 inch which is 0.65 inch below normal. The eastern division averaged 1.18 inches which is 0.71 inch below normal; the middle division averaged 0.84 inch which is 0.59 inch below normal, and the western division averaged 0.61 inch which is 0.65 inch below normal. It ranged from 2.43 inches at Center to only 0.06 inch at New England. Ambrose reported 1.55 inches on the 2nd for the greatest amount in a single day.

It was an ideal month for finishing harvesting and threshing of the small grain crop. As a result there remained only a few scattered fields of flax to be cut at the end of the month. Corn matured well and picking of a better than average corn crop was well underway by the end of the month. Potato digging was about two-thirds done and sugar beet lifting about one-third completed. The hay crop turned out to be a record breaker with alfalfa production more than three times the ten-year average according to the Agricultural Statistician. The soil was dry over most sections of the state and good rains were needed. Pastures and ranges were dry but continued to supply good feed and as a result, livestock continued in good condition. About a normal amount of fall plowing was done in spite of quite dry soil conditions. Quite a bit of wind was reported during the month and there was some soil blowing in scattered areas. There were no severe storms reported that did any appreciable damage.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	WNW	17	11.3	43	E	2	68	80	45	45	5	5	1	0	0	0	11	69	5.1
DEVILS LAKE WB CITY	–	–	8.7	29	NW	4	–	–	–	–	5	3	7	0	0	0	15	69	5.1
FARGO WB AP	SSE	14	14.1	42	NW	18	73	81	45	52	5	9	1	0	0	0	15	63	5.5
WILLISTON WB CITY	–	–	7.7	35	W	29	68	82	49	42	7	2	3	0	0	0	12	71	5.9

COMPARATIVE DATA

Table 1

SEPTEMBER

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	59.2	101	24	0.84	.0	4
1893	57.1	102	8	0.81	0.1	4
1894	58.2	104	18	1.38	.0	5
1895	56.6	100	12	0.77	.0	4
1896	53.0	98	11	1.61	.0	6
1897	64.1	109	18	0.28	.0	2
1898	56.8	98	10	1.25	.0	4
1899	55.0	101	11	0.58	T	4
1900	54.6	98	17	4.95	T	3
1901	53.6	100	12	2.01	T	7
1902	53.6	95	15	0.74	.0	4
1903	51.6	90	18	2.99	0.7	7
1904	54.7	96	18	1.43	.0	5
1905	59.8	104	23	1.67	.0	5
1906	62.8	109	20	1.11	.0	4
1907	52.1	96	9	1.39	T	6
1908	60.7	104	16	1.24	0.2	4
1909	59.0	93	24	0.95	.0	4
1910	55.3	99	18	1.79	0.1	4
1911	54.9	95	21	2.37	T	8
1912	51.5	101	18	2.62	.0	10
1913	57.2	108	8	1.74	0.4	6
1914	59.3	98	25	1.03	.0	5
1915	54.6	104	23	2.32	.0	9
1916	55.1	99	15	1.43	T	6
1917	56.4	97	16	1.04	.0	5
1918	51.9	93	11	0.40	T	3
1919	58.6	100	20	0.94	0.3	5
1920	59.0	99	19	2.21	T	8
1921	57.0	101	25	3.21	T	12
1922	59.8	104	23	2.10	.0	6
1923	60.1	99	15	2.51	.0	6
1924	55.0	98	20	2.09	T	7
1925	58.1	103	20	2.67	T	8
1926	52.3	95	9	2.30	0.5	9
1927	56.8	101	10	1.00	T	3
1928	53.9	95	12	1.00	T	5
1929	52.7	105	12	1.65	.0	5
1930	56.2	98	10	1.02	.0	4
1931	61.4	107	27	2.14	T	6
1932	56.8	102	22	0.63	.0	3
1933	60.9	101	22	0.81	.0	4
1934	52.4	95	9	0.96	2.0	7
1935	57.2	105	16	0.43	.0	3
1936	60.3	102	12	1.15	T	5
1937	58.6	104	20	1.47	0.1	6
1938	61.9	99	21	0.63	.0	4
1939	58.9	98	11	0.68	0.2	5
1940	62.8	103	20	1.06	.0	4
1941	55.3	94	17	4.61	0.2	11
1942	54.0	99	4	1.67	2.7	9
1943	55.6	94	19	0.51	.0	4
1944	56.4	91	21	1.46	T	8
1945	54.5	103	14	2.14	0.1	9
1946	56.3	97	18	2.52	T	8
1947	55.5	101	13	1.45	T	7
1948	63.7	105	24	0.31	.0	2
1949	55.6	94	13	0.56	T	4
1950	57.9	100	23	2.42	0.2	8
1951	52.7	85	17	1.71	0.3	11
1952	60.7	101	20	0.62	T	5
1953	57.6	93	19	0.88	T	6

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		73.4	44.9	59.2	1.3	90	2	26	22	204	1	0	3	0	.85	-1.05	.29	24	.0	0		7	0	0
ARVILLA STATE PARK		70.8				89	9				0	0		0	2.39		.98	10	T	0		11	2	0
CARRINGTON		72.5	42.6	57.6M	.7	99	1	28	21		1	0	2	0	1.13	- .29	.72	2	.0	0		5	1	0
CAVALIER		69.6	44.3	57.0	1.4	85	2+	28	22	252	0	0	1	0	2.10	- .22	1.17	2	.0	0		11	1	1
COOPERSTOWN		72.5	43.4	58.0	.3	95	1	31	22	237	1	0	3	0	.45	-1.31	.12	2	.0	0		6	0	0
DEVILS LAKE WB CITY	R	69.0	44.3	56.7	.4	88	9+	30	21	266	0	0	1	0	2.09	.02	.47	2	T	T	9+	10	0	0
EDGELEY EXP FARM		75.5	44.2	59.9M	1.6	100	1	30	22		3	0	2	0	.53	-1.13	.28	1	.0	0		5	0	0
EDMORE 1 W		69.3	40.6	55.0	-1.4	87	10	26	22	307	0	0	4	0	1.74	- .11	.85	2	.0	0		10	1	0
ELLENDALE		76.4	46.4	61.4	2.6	92	1	31	21+	153	3	0	2	0	.50	-1.18	.24	1	.0	0		4	0	0
ENDERLIN		74.8	41.7	58.3		99	1	28	22		2	0	4	0	.70		.31	1	.0	0		7	0	0
FARGO WB AP	R //	71.9	46.0	59.0	.1	89	2	32	21	214	0	0	1	0	.75	- .97	.44	24	.0	0		10	0	0
FORMAN		76.2	45.2	60.7M	1.2	93	1	30	30	198	2	0	2	0	.29	-1.78	.25	24	.0	0		2	0	0
FULLERTON		75.0	46.0	60.5	2.5	91	2	31	21+	170	1	0	2	0	.39	-1.57	.22	24	.0	0		2	0	0
GACKLE																								
GRAFTON STATE SCHOOL		71.1	44.3	57.7	.7	93	1	31	22	241	1	0	1	0	1.26	- .90	.50	2	.0	0		10	1	0
GRAND FORKS CAA AP	R	69.4	43.7	56.6	- .3	86	2	31	22	265	0	0	1	0	1.53	- .39	.48	24	.0	0		8	0	0
GRAND FORKS UNIV		69.8	45.7	57.8	.9	88	1	33	22	235	0	0	0	0	1.72	- .20	.81	2	.0	0		9	1	0
GRAND RAPIDS 1 N		75.2	43.3	59.3		91	2	28	21	200	2	0	4	0	.81		.42	1	.0	0		4	0	0
HANKINSON R R STA		71.9	44.9	58.4M	-2.1	93	1	33	21+		1	0	0	0	.85	-1.25	.42	3	.0	0		4	0	0
HANNAH		66.8	39.9	53.4	-1.4	85	9	26	21	344	0	0	5	0	1.49	- .62	.50	2	.0	0		10	1	0
HILLSBORO		72.3	45.1	58.7M	- .3	92	1	30	22	217	1	0	1	0	2.14	.07	.76	1	T	0		10	2	0
JAMESTOWN CAA AP	R //	72.4	42.8	57.6	.6	88	2+	29	22	236	0	0	4	0	.49	-1.18	.29	1	.0	0		5	0	0
JAMESTOWN STATE HOSP		74.1	44.8	59.5	2.5	89	2+	30	21+	193	0	0	3	0	.42	-1.25	.20	24	.0	0		5	0	0
KENSAL WILDLIFE REF		77.0	42.1	59.6M		91	10	28	21	190	2	0	4	0	.49		.22	24	.0	0		5	0	0
LANGDON EXP FARM		68.5	41.7	55.1	1.6	90	1	27	21	306	1	0	3	0	2.22	- .01	1.51	2	.0	0		10	1	1
LARIMORE		71.0	44.8	57.9	1.5	92	1	30	22	235	1	0	1	0	1.39	- .66	.42	2	.0	0		9	0	0
LISBON		74.2	43.8	59.0M	.9	94	1	28	22	214	1	0	4	0	.31	-1.69	.21	24	.0	0		2	0	0
MAYVILLE		71.1	46.2	58.7	.2	89	2	31	22	213	0	0	1	0	2.11	.05	.92	2	.0	0		6	2	0
MC HENRY 5 N		70.3	42.5	56.4	.6	87	9+	30	21+	270	0	0	3	0	.92	- .51	.26	2	.0	0		10	0	0
MC LEOD 3 E		74.9	43.5	59.2M	- .4	89	2	30	21+	202	0	0	3	0	.73	-1.30	.40	1	T	0		4	0	0
MUNICH 4 SW		66.6	39.9	53.3		83	9	26	21	347	0	0	6	0	1.37		.66	2	.0	0		9	1	0
OAKES		73.1	44.0	58.6	- .4	94	1	29	22+		1	0	4	0	.48	-1.28	.19	25	.0	0		5	0	0
PARK RIVER		70.9	44.9	57.9	1.0	94	1	31	22	235	1	0	1	0	1.73	- .42	.64	2	.0	0		9	1	0
PEMBINA 2 N		71.9	43.7	57.8	3.3	98	1	30	22	239	1	0	2	0	1.94	- .24	1.01	2	.0	0		9	1	1
PETERSBURG		71.0	43.1	57.1		92	1	30	21	261	1	0	2	0	1.66	- .31	.57	2	T	0		10	1	0
SHARON		70.1	43.9	57.0M	- .4	92	1	32	21	254	1	0	1	0	2.27	.22	.62	11	T	0		10	1	0
VALLEY CITY		73.9	44.3	59.1	.3	96	1	28	22	205	1	0	3	0	.91	- .88	.29	1	.0	0		5	0	0
WAHPETON STATE SCHOOL		75.4	46.7	61.1	1.1	90	1	31	21	169	1	0	2	0	.54	-1.68	.27	2	.0	0		4	0	0
DIVISION				58.1	.6										1.18	- .71			T					
MIDDLE DIVISION																								
ASHLEY		75.0	43.2	59.1	1.2	90	10	27	21	199	1	0	2	0	.44	-1.03	.27	24	.0	0		2	0	0
BELCOURT INDIAN RES		66.5	39.0	52.8		85	9	22	21	364	0	0	7	0	.94		.28	2+	.0	0		5	0	0
BISBEE		68.3	41.3	54.8	-1.9	86	9	28	22	312	0	0	3	0	.97	- .72	.39	17	.0	0		5	0	0
BISMARCK WB CITY		74.4	45.8	60.1	2.0	98	1	30	21		2	0	2	0	.44	-1.00	.18	25	.0	0		8	0	0
BISMARCK WB AP	R //	74.2	43.8	59.0	.6	92	10	28	21	205	1	0	1	0	.42	-1.01	.21	24	T	T	20+	6	0	0
BOTTINEAU		69.1	40.8	55.0	- .5	94	1	24	21		1	0	2	0	1.04	- .55	.40	25	.0	0		8	0	0
BUTTE		72.3	42.5	57.4M	- .1	96	1	30	21		1	0	4	0	1.47	- .01	.77	2	.0	0		8	1	0
CARSON NO. 2		75.3	43.0	59.2	1.1	100	1	29	21		2	0	3	0	.59	- .85	.26	25	.0	0		5	0	0
CENTER		72.5	41.5	57.0	-1.1	89	10	25	21	249	0	0	3	0	2.43	1.07	1.50	2	.0	0		5	2	1
DRAKE		71.4	43.8	57.6	.0	97	1	28	21+		1	0	2	0	1.88	.45	1.21	2	.0	0		5	1	1
ECKMAN		71.2	38.9	55.1	- .6	91	1	23	21		1	0	5	0	.47	-1.03	.40	25	.0	0		2	0	0
FESSENDEN		72.8	40.9	56.9M	.3	91	1	27	21	294	2	0	3	0	1.12	- .39	.52	2	.0	0		7	1	0
FORT YATES		78.1	44.4	61.3M	1.1	100	1	28	21	153		0	1	0	.42	-1.03	.39	24	.0	0		3	0	0
FOXHOLM 7 N		72.2	43.2	57.7M	1.5			26	21	229					.40	-1.15	.25	24	.0	0		4	0	0
GARRISON		72.7	41.3	57.0	1.1	98	1	26	21+		2	0	4	0	.48	- .98	.25	2	.0	0		3	0	0
GRANVILLE		71.9	43.6	57.8M	1.9	91	10	27	21	246	1	0		0	.61	- .95	.30	24	.0	0		5	0	0
HANSBORO		67.8	41.9	54.9	.7	87	9	27	21+	304	0	0	3	0	1.10	- .76	.32	17	.0	0		6	0	0
LEEDS		70.2	41.6	55.9M		88	9+	26	21+	276	0	0	4	0	1.68		1.00	2	.0	0		8	1	1
LINTON		75.8	43.0	59.4M	- .4	92	10	24	21	200	2	0	2	0	.41	-1.16	.40	24	.0	0		2	0	0
MADDOCK AGR SCHOOL		71.6	43.8	57.7	.8	90	1	29	21	243	1	0	2	0	1.35	- .31	.63	2	.0	0		8	1	0
MANDAN EXP STATION		73.6	45.2	59.4	.8	98	1	29	21		2	0	1	0	.36	-1.10	.16	25	.0	0		6	0	0
MANDAN FT LINCOLN PARK		77.7	43.4	60.6M		96	1	27	21	169	3	0	3	0	.43		.23	24	.0	0		5	0	0
MAX		73.3	42.9	58.1M	1.5	92	1	27	21		2	0	3	0	.86	- .53	.24	2	.0	.0		4	0	0
MC CLUSKY		72.7	45.2	59.0M	1.8	90	10	26	21	214	1	0		0	1.03	- .34	.53	2	.0	0		4	1	0
MINOT CAA AP		69.6	44.7	57.2	.8	89	10	28	21	243	0	0	2	0	.50	-1.10	.36	24	.0	0		5	0	0
MINOT EXP STA		72.1	42.1	57.1M		89	10	24	21	241	0	0	3	0	.28		.14	24	.0	0		5	0	0
MOFFIT 4 SE		74.0	40.8	57.4		96	1	21	21	250	1	0	4	0	.75		.30	24	.0	0		9	0	0
MOHALL		72.2	42.0	57.1	2.2	89	7	24	21	238	0	0	4	0	.51	-1.05	.27	24	.0	0		4	0	0
NAPOLEON 1 SE		75.4	44.1	59.8	2.3	94	1	28	21	189	2	0	2	0	.83	- .63	.41	24	.0	0		9	0	0
NEW SALEM 1 S		73.4	43.5	58.5	.2	91	10	29	21	212	1	0	1	0	.83	- .48	.35	24	.0	0		6	0	0
PETTIBONE		73.7	45.3	59.5M	2.9	91	1	29	21	193	1	0		0	.55	- .79	.27	24	.0	0		5	0	0
RIVERDALE		72.4	44.3	58.4		96	1	29	21		1	0	3	0	.73		.38	2	.0	0		4	0	0
ROLLA		67.8	42.2	55.0	- .1	86	9	30	21+	299	0	0	4	0	.92	- .83	.31	2	.0	0		8	0	0
RUGBY		72.2	43.5	57.9		90	1	28	21	232	1	0	2	0	.90	- .78	.35	17	.0	0		6	0	0
SAN HAVEN		68.0	43.5	55.8	.8	85	9	29	21	283	0	0	2	0	1.00	- .67	.38	24	.0	0		6	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STEELE	73.6	44.0	58.8	1.1	90	10	28	21	207	1	0	2	0	.42	-1.11	.18	24	.0	0		5	0	0
TOWNER	71.2	40.7	56.0	- .9	90	10	23	21	273	1	0	2	0	.87	- .85	.37	24	.0	0		4	0	0
TURTLE LAKE	72.6	44.3	58.5	1.0	90	10	28	21	206	1	0	2	0	1.23	- .04	.77	2	.0	0		4	1	0
UNDERWOOD	71.9	42.8	57.4	- .8	97	1	26	21		2	0	4	0	.82	- .58	.32	2	.0	0		5	0	0
UPHAM 3 N	73.7	38.7	56.2M		91	7	19	21	269	2	0		0	.66		.36	24	.0	0		7	0	0
UPHAM 3 W																							
VELVA	70.4	45.0	57.7	.5	85	10	29	21	222	0	0	1	0	.76	- .80	.37	2	.0	0		5	0	0
WASHBURN											0		0	1.90	.63	1.43	2	.0	0		3	1	1
WESTHOPE	69.6	39.3	54.5	-1.1	86	7	22	21	311	0	0	4	0	.66	- .79	.38	24	.0	0		6	0	0
WILLOW CITY	70.7	40.4	55.6	.9	88	7+	26	21	286	0	0	6	0	.83	- .82	.30	24	.0	0		7	0	0
WILTON R R STATION	73.5				98	1	30	21		1	0		0	.91	- .34	.33	2	.0	0		5	0	0
WISHEK	75.8	40.5	58.2M	1.0	96	1	25	21	225	1	0	2	0	.54	- .91	.23	24	.0	0		4	0	0
DIVISION			57.5	.5										.84	- .59			T					
WESTERN DIVISION																							
ALMONT 7 SW	74.2	45.2	59.7M		90	10+	29	21	181	2	0	2	0	1.34		.53	2	.0	0		7	1	0
AMIDON	73.6	44.0	58.8	.4	89	1+	28	21		0	0	2	0	.31	-1.16	.11	24	.0	0		4	0	0
BEACH	73.2	41.2	57.2	- .2	88	1	25	21		0	0	3	0	.59	- .68	.17	18	.0	0		7	0	0
BELFIELD	72.3	40.9	56.6	-1.4	84	8+	26	21	244	0	0	3	0	.90	- .44	.46	24	.0	0		7	0	0
BOWBELLS	69.7	40.2	55.0M	.4			23	21			0	4	0	.59	- .82	.19	25	.0	0		4	0	0
BOWMAN COURT HOUSE	75.9	42.5	59.2M	1.4	89	16	27	21+	194	0	0	2	0	.21	-1.06	.10	20	.0	0		5	0	0
CROSBY	70.4	42.8	56.6	1.8	85	7+	26	21	246	0	0	3	0	1.07	- .17	.84	2	.0	0		5	1	0
DICKINSON CAA AP R //	73.1	42.2	57.7	1.3	89	16	28	21	226	0	0	3	0	.24	-1.06	.15	24	.0	0		4	0	0
DICKINSON EXP STA	74.5	40.7	57.6	1.2	92	1	24	21		3	0	4	0	.22	-1.08	.08	18+	.0	0		4	0	0
DUNN CENTER	73.3	37.0	55.2M	-1.3	91	1	24	21+		1	0	8	0	.84	- .56	.26	2	.0	0		6	0	0
ELBOWOODS	75.1	42.1	58.6M	1.1	90	7+			187	3	0	3	0	.91	- .58	.41	2	.0	0		4	0	0
EPPING	74.2	42.5	58.4	1.7	88	7	26	21	215	0	0	3	0	.98	- .31	.34	2	.0	0		6	0	0
GRENORA	72.4	42.0	57.2M	1.9	85	8+	24	21	235	0	0	3	0	1.28	.05	.86	2	.0	0		4	1	0
HETTINGER	73.4	42.2	57.8	- .8	89	16	26	21	227	0	0	2	0	.43	- .87	.22	24	.0	0		6	0	0
KENMARE	70.5	40.3	55.4	- .8	90	8	25	21		1	0	5	0	.65	- .92	.35	2	.0	0		4	0	0
LOSTWOOD 12 N	70.1	39.7	54.9M		86	7	21	21	303	0	0		0	.79		.33	2	.0	0		6	0	0
MARMARTH	74.9	42.1	58.5M	.7	87	16	26	21	195	0	0	3	0	.36	- .90	.15	3	.0	0		3	0	0
MEDORA 4 NNE	76.6	40.3	58.5		90	16	21	21+	196	1	0	4	0	.80		.36	2	T	0		4	0	0
MOTT	74.3	40.0	57.2	- .6	90	16	23	21	236	1	0	3	0	.40	- .97	.18	9	.0	0		4	0	0
NEW ENGLAND	74.0	41.7	57.9	.5	89	16	23	21	216	0	0	3	0	.06	-1.31	.06	9	.0	0		1	0	0
NEWTOWN	72.3	43.1	57.7M	.2	89	16	27	21+	232	0	0	3	0	.65	- .69	.29	17	.0	0		3	0	0
PARSHALL	73.4	39.0	56.2	.9	89	16	20	21	265	0	0	3	0	.54	- .95	.20	24	.0	0		5	0	0
PORTAL	68.8	41.4	55.1M	- .1	86	8	25	21		0	0	3	0	.55	- .91	.30	1	.0	0		5	0	0
POWERS LAKE 1 N	69.7	37.9	53.8M	-2.5			19	21	328		0	4	0	.48	- .81	.22	24	.0	0		3	0	0
RICHARDTON ABBEY	74.2	44.8	59.5	1.3	89	16	28	21	181	0	0	2	0	.71	- .61	.36	2	T	0		4	0	0
STANLEY	70.3	41.1	55.7M		88	7	24	21	305	0	0	2	0	.38	- .99	.20	17	.0	0		3	0	0
WATFORD CITY	72.7	44.2	58.5	.8	89	16	29	21	209	0	0	3	0	.73	- .58	.23	17	.0	0		7	0	0
WATFORD CITY 14 S	76.7	42.5	59.6M		92	16	24	21	193	2	0	3	0	.35		.22	17	.0	0		2	0	0
WILLISTON WB CITY R //	70.5	45.5	58.0	.8	86	7	30	21	222	0	0	2	0	.46	- .75	.14	24	.0	0		5	0	0
DIVISION			57.3	.5										.61	- .55			T					
STATE			57.6	.5										.88	- .65			T					

EVAPORATION AND WIND

Table 6

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	*	.55	.14	.14	.13	.14	.14	.15	.22	—	.43	.16	.09	.14	.21	*	*	.30	.12	.11	.18	.13	.13	.04	—	.22	.11	.15	.13	.11		4.688
	WIND	*	109	125	99	54	48	19	23	20	20	65	38	44	57	63	37	49	50	55	83	39	39	55	21	48	81	39	52	69	44		1545
DICKINSON EXP STA (A)	EVAP	.07	.10	.10	.50	.35	.22	.27	.36	.08	.10	.44	.21	.09	.16	.25	.16	.20	.07	.15	.15	.15	.15	.15	.26	—	—	.17	.28	.13	.21		5.938
	WIND	65	120	200	150	135	75	60	70	30	20	90	90	150	150	120	30	60	90	100	160	130	50	100	20	160	130	105	75	170	490		3395
EDGELEY EXP FARM	EVAP	.45	.23	.31	.04	.34	.25	.16	.27	.16	.25	.28	.36	.17	.16	.24	.24	.22	.28	.20	.40	.09	.17	.32	.26	.06	.11	.26	.14	.25	.28		6.95
	WIND	80	45	118	82	106	59	50	30	20	35	66	73	138	53	24	105	85	98	95	72	76	23	114	45	68	36	53	44	63	79		2035
MANDAN EXP STA (A)	EVAP	.24	.19	.28	.12	.16	.13	.13	.12	.09	.08	.24	.22	.14	.19	.18	.16	.12	.08	.09	.18	.15	.07	.13	.07	.07	.10	.13	.13	.20	.15		4.34
	WIND	84	139	228	177	142	101	55	37	47	16	98	148	93	142	93	59	60	105	99	168	148	22	87	38	131	88	83	72	134	93		2987
RIVERDALE	EVAP	.24	.22	.35	.13	.24	.25	.11	.31	.26	.20	.33	.22	.21	.34	.17	.34	.23	.09	.28	.20	.11	.18	.21	18	.11	.18	.24	.18	.17	36		6.64
	WIND	–	–	–	–	–	–	–	–	–	32	82	99	144	102	82	94	85	75	127	156	113	92	130	64	111	132	136	89	167	115		–

(A) PAN 6 FT. IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
SEPTEMBER 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	1.78		.70	.03															.22						.33							
ALEXANDER	.46		.14	.08						T								.09			T				.15							
ALMONT 7 SW	1.34		.53	.02		.01				.41								.12			.03				.22							
AMBROSE	1.70		1.55																						.15							
AMENIA	.85	.18	.16		.03	.03					T			T				.03			T				.29	.13						
AMIDON	.31			T							T							T	.07		.09				.11	.04						
ARVILLA STATE PARK	2.39	.01	.53	.02	.01						.98	.01	.03	T					.11	T					.22	.24	.23					
ASHLEY	.44	.17																			T			T	.27							
BALTA	1.40		.80	T														.32			T				.22	.06						
BANTRY	.53		.16																							.37						
BEACH	.59		.10	.02	.09														.17		.05				.03	.13						
BELCOURT INDIAN RES	.94		.28	.15										T	T			.17	T		T				.28	.06						
BELFIELD	.90		.08	.13	.03				T									.10		.07					.46	.03						
BERTHOLD	.44		.06	.04	.01													.12							.21							
BEULAH	.55		.28															.12								.15						
BISBEE	.97		.27	.05														.39							.21	.05						
BISMARCK WB CITY	.44	.05	.09	.03						T	T							.02	.03		.02	.02				.18						
BISMARCK WB AIRPORT R //	.42	.05	.09	.03						T	T						T	.02			.02			T	.21		T					
BISMARCK 12 ENE	.64		.27	T															.02						.35							
BOTTINEAU	1.04		.11	.05	.26	.09	.01												.11			.01				.40						
BOWBELLS	.59		.18	T	.12														.10							.19						
BOWMAN COURT HOUSE	.21	.02					T											.03		.03	.10				.03							
BOWMAN 11 SE	.23	.07																		.06	.07				.03							
BOWMAN 30 NNW	.26																	.10		T					.16							
BURT 16 N	1.00		.65							.06								T							.29							
BUTTE	1.47		.77	.01	.12	.01													.16			.01			.03	.36						
CARRINGTON	1.13		.72			.01					T														.07	.29	.04					
CARSON NO 2	.59		.19		T														.05			.06			.03	.26						
CAVALIER	2.10		1.17	.02							.15		T	T	.03			T	.17	.02	.01				.19	.26	.07			.01		
CENTER	2.43		1.50	.09							.15							.14			T				.55							
COLGATE	1.07	.21	.20		T						.24								.01	T					.36	.05						
COLUMBUS	.94		.57	.11	.10	.01															.03				.12							
COOPERSTOWN	.45	T	.12	T	.07	.07							T	T				T	T		T				.06	.06	.07					
COURTENAY	–		–																.03		T				.08	.09						
CROSBY	1.07		.84	.08	.04													T							.09					.02		
DEVILS LAKE W B CITY R	2.09	T	.47	.17	T	.07				.44	.24			T				.22	.11		T				.34	.02	.01			T		
DICKINSON CAA AP R //	.24			.02						T								.06		.01					.15							
DICKINSON EXP STA	.22				.05						T								.08		T	T			.01	.08	T					
DONNYBROOK	.56																								.56							
DRAKE	1.88		1.21		.06	.02													.28							.31						
DUNN CENTER	.84		.26		.16														.13			.10			.02	.17						
ECKMAN	.47		.07		T	T													T							.40						
EDGELEY EXP FARM	.53	.28	.01		T	.02					.01															.21						
EDMORE 1 W	1.74		.85	.08	.13	.05			T			.02		T	T			*	.21		T				.28	.08	.04			T		
ELBOWOODS	.91		.41	.12														.20							.18							
ELGIN 5 S	.39	.09	T	T						T								T		T	.14			T	.16							
ELLENDALE	.50	.24	.04	.04														T	T		T			T	.18	T						
ENDERLIN	.70	.31	.05			.03	.02												.02							.25	.02					
EPPING	.98		.34	.16	.20													.03			.12				.13							
FAIRFIELD	1.21		.71	.07														.20		T	.01				.22							
FARGO WB AIRPORT R //	.75	.06	T	T	.02	.03					.09		.01	T				.01	.03	T	T				.44	.02	.04					
FESSENDEN	1.12		.52	T		.05					.01							.19			.02				.29	T	.04					
FLASHER	.92		.28																							.64						
FLAXTON	.38		.07	.07	.02													.02			.01				.19							
FORBES 13 NW	.34	.02	T															T	T	T		.03	.05	.20	.04	T						
FORMAN	.29		.04																						.25							
FORT YATES	.42		T	T														.01			.02			T	.39							
FOXHOLM 7 N	.40		.02	.03	T													.10							.25							
FULLERTON	.39	.17		T	T																T				.22							
GACKLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GARRISON	.48		.25		T														.05			T			T	.18						
GLEN ULLIN 13 N	1.18		.80	.07														.11			T				.20							
GOLDEN VALLEY 10S	.59	T	.15	.09														.11							.24							
GRAFTON STATE SCHOOL	1.26	.01	.50	T								.05		.07	.01				.06	T	T				.36	.06	.12			.02		
GRAND FORKS CAA AP R	1.53	.33	.26								.20			T	T			.12	.02		T				.48	.02	.10					
GRAND FORKS UNIV	1.72	.06	.81								.05	.15						.11	.08						.25	.08	.13			T		
GRAND RAPIDS 1 N	.81	.42	.03															T			T				.34		.02					
GRANVILLE	.61		.20	.04	T													.05			.02				.30							
GRASSY BUTTE 10N	.50			T														.30			.20											
GRENORA	1.78		.86	.07	.08																				.27		T					
HALLIDAY	.97		.60	.07														.16							.14							
HANKINSON R R STA	.85	.30		.42		T										T	T					.03				.10						
HANNAH	1.49		.50	.08		.03								T	T			.30	.07	.01	.01				.32	.16	T			.01		
HANSBORO	1.10		.24	.11	.03													.32							.24	.16						
HARVEY 3 NE	1.26		.55	.01	T	.03												.20							.47							
HETTINGER	.43	T	.03	.02														T		.04	.10			.02	.22							
HILLSBORO	2.14	.76	.57		T	.10					.06	.02		.02				T	.13		T			T	.27	.17	.04					
JAMESTOWN CAA AP R //	.49	.29	.01	T	T	T					T		T	T				.07	T	T	T			T	.11	T	.01					
JAMESTOWN STATE HOSP	.42	.02	.14	.03	.03									T				T	T						.20	T						
KEENE 2 S	.85	.01	.32															.23	.02	.09				.15	.01	.01		.01				
KENMARE	.65		.35		.05	T													.09							.16						
KENSAL WILDLIFE REF	.49		.09	.04	.06														.08						.22							
KILLDEER 8 NW	.75			.25	.17													.13			.20											
KULM	.38	.09	.04																						.25							
LANGDON EXP FARM	2.22		1.51			.01					.05			.02	.03			.01	.20						.20	.15				.04		
LANSFORD	.34		.03	.03	T													.06			T				.22							
LARIMORE	1.39	.06	.42	.04	T	T					T	.08		.03				T	.08						.36	.10	.22					
LEEDS	1.68		1.00	.05	.02	.08				T								.21	.02						.24	.06						
LEFOR 10 E	1.72		1.52	T						T								T							.20							
LINTON	.41			T														T				.01		T	.40	T						
LISBON	.31	.10																							.21							
LITCHVILLE	.79	.37	.01	.04		T					T			.02				T			.03				.30		.02					
LOSTWOOD 12 N	.79		.33	.18	.01													.08	T		.05			T	.14							
MADDOCK AGR SCHOOL	1.35		.63	.02	.09	.02					T		T					.20	.02		T				.36	.01	T			T		
MANDAN EXP STATION	.36		.04		.02						.01							T	.09			.04				.16						
MANDAN FT LINCOLN PARK	.43		.07	.05														.02			.06				.23							
MARMARTH	.36	T		.15														.12		.09	T					T						
MARTIN	.75		.65															.06							.04							
MAX	.86		.24		.20														T						.20	.22						
MAYVILLE	2.11	.08	.92								.67			T				T	T	T					.32	.07	.05					
MC CLUSKY	1.03		.53		.08													.18							.24							
MC HENRY 5 N	.92		.26	.02	.03	.07					.01							.04	.06						.20	.15	.08					
MC LEOD 3 E	.73	.40	T			T								T					.03	.07	T				.23							
MC VILLE	1.46		.30	.07							.20	.30						.10							.31		.18					
MEDINA 1 W	.46	.12																	.10						.24							
MEDORA 4 NNE	.80		.36	.05						T								.16		T					.23							
MEDORA 23 NNW	.38																	.25			T	T			.13							
MINOT CAA AP	.50	T	.05	.02	T	T							T					.05			.02			T	.36		T					
MINOT EXP STA	.28		.07	.02	T													.04			.01				.14							
MOFFIT 4 SE	.75	.19	.11	.02	.01													.04	.04	T	.02	T			.30	.02	T					
MOHALL	.51		.04	.11														.09			T				.27							
MONTPELIER	.34	.04	.07			T				T			T					T							.22		.01					
MOTT	.40		T			T				.18								.05		.03					.14							
MUNICH 4 SW	1.37		.66	.04	T	.07								.03	.02			.20	.02		T				.24	.09						
NAPOLEON 1 SE	.83	.08	.02	.05	T					.17	T							.01	.03		.05				.41	T	.01					
NEW ENGLAND	.06									.06										T												
NEW ROCKFORD 7 WNW	1.14		.51		T	T												.14							.40	.09						
NEW SALEM 1 S	.83	.05	.32	.01						T	.05							.05		T					.35							

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3-Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEWTOWN	.65			.14														.29		T				T	.22		T					
NOONAN	-		.53	.10																					-							
NORTONVILLE	.43	.04	.06								.10														.23							
OAKES	.48	.17	.07																.03			T			.02	.19						
PARK RIVER	1.73	.07	.64	T	.03						.05	.19		T					.23						.29	.17	.06					
PARSHALL	.54		.16	.02														.15		.01	T			T	.20							
PEMBINA 2 N	1.94		1.01	.02						.09		.05		T	.15				.11	.06	T				.34		.11			T		
PETERSBURG	1.66	.02	.57	T	.04	.05						.14		.03					.35						.29	.04	.13					
PETTIBONE	.55		.17		.01						.04							.06			T				.27							
PINGREE	.27		.09	T	T									.05										.04	.09							
PORTAL	.55	.30	.06	.04	T	T													T	T		T			.10	.05						
POWERS LAKE 1 N	.48		.16	.10																					.22							
PRETTY ROCK	.79	.31	T			T	.02		T									T		T	.11				.35							
REEDER	.10																				.10											
REEDER 14 N	.24		.10							.03									.02		.09					T						
RICHARDTON ABBEY	.71	T	.36	T	T		T		T	T								.09		T	.05			T	.21							
RIVERDALE	.73		.38		T														.12		T	T			T	.21	.02					
ROLLA	.92		.31	.11	.01							T	T	T	.02			.19	T		.03	T			.20	.05						
RUGBY	.90		.28	.03														.35	.02		T				.20	.02						
RYDER	.17			.09																					.08							
SAN HAVEN	1.00		.22	.24											T			.12	T		.02				.38	.02						
SCRANTON	.17	T	.04	T			.01											T	.08	T				.04								
SELFRIDGE 11 W	.38		.07	T			T												T		.06				.25							
SENTINEL BUTTE 20 S	.39				T													.14		.10					.15							
SHARON	2.27	.40	.28	.05	T	.15					.30	.62		T				.07							.20	.10	.10					
SHERWOOD 3 N	.51		.16	.08		T												.06			T				.21							
SHIELDS	.48	.05	.07	.01																					.35							
STANLEY	.38		.02															.20			T				.16							
STEELE	.42	T	.02	T	T	T				.14	.03							.05	T		T				.18							
SYKESTON	1.08		.65	T	.06	T					.05							T	T						.32	T						
TAGUS	.45	T		.05	.02													.13		T					.25							
TIOGA	.70		.35															T		T					.35							
TOLLEY 5 NNE	.89		.30	.21														.05	.08						.25							
TOWNER	.87		.33			.09												.08							.37							
TROTTERS 6 WNW	.28			.02														.10							.16							
TURTLE LAKE	1.23		.77	.05	T													.17		T					.24							
TUTTLE	.95		.38	.02					.02	.02								.09	.02	T	.02				.38							
UNDERWOOD	.82		.32	.03															.18						.03	.26	T					
UPHAM 3 N	.66		.09	.03	.02	.03												.09			T				.36	.04						
UPHAM 3 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VALLEY CITY	.91	.29	.27		.07														T	T					.22		.06					
VELVA	.76		.37	.07	.02								T					.07			T				.23							
VERONA	.37	.13																					T	T	.23	.01						
WAHPETON STATE SCHOOL	.54	.11	.27		T															T					.11	.05						
WALHALLA	2.10		1.18												.09				.26						.28	.29	T					
WARWICK	-		-									.04													*	.53						
WASHBURN	1.90	T	1.43															.21							.26							
WATAUGA 8 N S OAK	.38									T								T		T	T				.38							
WATFORD CITY	.73		.03	.12	.03													.23		.03	.07				.22							
WATFORD CITY 14 S	.35			T		T												.22			T			T	.13							
WESTHOPE	.66		.09	.07	.04	.03												.05							.38							
WILDROSE	1.33		.96	.21	T												T				T				.16							
WILLISTON WB CITY R //	.46		.12	.11														.03	T	T	.06			T	.14	T	T		T	T		
WILLOW CITY	.83		.25	.06	.05	.05					T				T			.10			T				.30	.02						
WILTON RR STATION	.91		.33	T	.03						.09								.14							.32						
WISHEK	.54	.20	.06	T														T			.05			T	.23							
WOODWORTH 5 E	-		-		.03						T							.02			T				.32							
ZAHL	1.63		1.23	.15																T		.05			.20					T		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 11-16-53 -- 900

Table 5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7SW	MAX	82	75	60	64	72	74	87	84	86	90	76	65	82	86	81	90	68		63	60	63	75	73	65	63	66	79	75	72	75		74.2
	MIN	50	53	45	44	46	43	50	50	57	59	48	36	49	45	49	49	45	40	48	41	29	38	56	47	31	44	43	41	45	34		45.2
AMENIA	MAX	85	90	69	66	70	70	86	85	85	82	73	65	63	76	74	80	83	74	75	64	60	72	80	68	54	64	76	73	70	71		73.4
	MIN	60	62	50	47	46	41	36	48	46	60	58	47	39	38	46	34	54	44	43	42	32	26	54	46	47	38	32	46	45	40		44.9
AMIDON	MAX	89	79	63	60	63	72	75	88	87	87	86	76	73	80	84	80	89	61	69	68	55	64	79	73	60	69	62	73	78	66		73.6
	MIN	51	58	42	41	41	43	52	52	51	53	44	40	51	46	43	45	54	36	48	37	28	33	52	41	32	39	43	43	47	33		44.0
ARVILLA STATE PARK	MAX	87	88	73	62	67	66	85	82	89	84	71	64	59	75	72	74	73	71	68	60	61	69	74	64	53	61	67	67	68	70		70.8
	MIN	56	59	52	47	48	41	34	59														28	52	35	44	37	33	36	38	32		
ASHLEY	MAX	86	87	72	65	74	75	85	83	87	90	76	76	72	80	75	85	75	74	74	62	61	73	73	60	62	68	79	75	68	77		75.0
	MIN	60	65	48	43	40	41	40	46	50	50	51	40	45	48	40	39	47	39	44	41	27	37	48	38	39	42	35	36	48	30		43.2
BEACH	MAX	88	81	62	60	65	72	75	85	87	85	85	78	75	80	80	80	80	54	69	67	54	65	81	71	58	71	63	74	83	67		73.2
	MIN	53	54	44	42	41	40	51	47	50	50	40	41	43	42	38	38	49	37	43	38	25	26	40	42	29	33	39	42	43	36		41.2
BELCOURT INDIAN RES	MAX	78	70	57	59	62	64	80	74	85	82	67	62	72	74	69	73	65	66	62	50	57	70	70	57	51	59	66	67	64	64		66.5
	MIN	49	55	47	44	42	32	31	45	50	53	48	40	43	41	41	31	37	33	37	38	22	24	43	37	34	38	27	34	45	28		39.0
BELFIELD	MAX	80	71	59	65	69	73	81	84	84	81	76	72	76	77	82	81	66	69	65	55	63	80	72	59	69	70	72	78	66	75		72.3
	MIN	49	53	45	44	44	38	44	47	47	47	42	36	39	37	39	41	45	38	44	40	26	36	50	35	31	41	40	39	41	30		40.9
BISBEE	MAX	75	68	60	58	65	65	84	77	86	85	71	64	72	72	70	75	68	66	63	54	58	70	72	59	52	68	69	69	69	65		68.3
	MIN	51	57	50	45	45	36	38	45	54	55	49	42	42	46	37	38	46	35	41	35	30	28	42	45	37	34	34	35	35	31		41.3
BISMARCK WB CITY	MAX	98	80	75	60	65	71	72	86	87	86	91	78	67	84	85	74	82	58	73	70	57	74	75	70	63	62	66	77	77	70		74.4
	MIN	59	64	49	47	47	44	43	51	52	59	48	39	51	49	46	47	47	40	48	36	30	40	52	49	34	37	44	39	52	32		45.8
BISMARCK WB AIRPORT	MAX	82	79	62	65	72	73	88	88	88	92	78	67	84	85	77	85	60	75	71	57	62	76	75	57	64	63	78	78	69	77		74.2
	MIN	58	57	49	46	43	44	42	51	52	59	48	38	51	47	40	44	42	38	47	35	28	36	47	45	33	40	41	39	41	33		43.8
BOTTINEAU	MAX	94	79	67	54	60	65	67	85	79	87	86	71	74	73	69	73	80	64	68	61	50	58	71	72	52	52	60	67	70	65		69.1
	MIN	47	57	43	45	43	35	40	48	54	57	44	37	46	43	39	40	42	33	37	34	24	34	42	48	36	36	33	35	43	29		40.8
BOWBELLS	MAX	86	78	68	58	60			88	82	85	82	70	64	74	76	73	83	56	69	60	52	61	73	70	56	61	61	66	75	65		69.7
	MIN	46	49	46	45		37		45	46	52	42	39	44	41	41	43	47	39	43	38	23	28	47	39	28	34	38	39	39	27		40.2
BOWMAN COURT HOUSE	MAX	87	76	59	63	72	75	86	86	88	87	81	75	81	84	81	89		70	72	62	65	80	77	69	70	69	75	72	72	78		75.9
	MIN	53	52	41	40	38	43	48	52	50	52	45	39	44	45	43	49	45	37	43	37	27	35	52	41	27	39	35	41	46	35		42.5
BUTTE	MAX	96	83	75	58	62		82	85	82	84	88	73	64	80	79	72	83	59	70	64	55	59	73	80	59	60	61	70	75	66		72.3
	MIN	48	49	50	47	48		43	43	47	53	47	43	46	48	49	44	49	40	43	42	30	38	40	40	32	32	32	37	38	34		42.5
CARRINGTON	MAX	99	80	83	59				85	82	85	88	74	62	71	79	72	82	65	73	69	55	60	75	72	55	57	65	73	70	68		72.5
	MIN	54	54	50	45	45	42	40	40	40	48	49	44	41	41	45	45	46	35	45	40	28	32	42	48	45	39	39	40	40	35		42.6
CARSON NO 2	MAX	100	79	74	61	70	72	80	87	87	86	90	75	67	82	86	78	88	59	74	70	56	60	74	73	69	70	73	76	75	67		75.3
	MIN	49	58	45	43	41	45	51	50	54	48	42	37	46	44	40	41	46	36	47	36	29	41	46	43	30	30	45	42	49	37		43.0
CAVALIER	MAX	84	85	72	61	68	67	84	75	85	82	69	62	60	75	72	72	75	69	67	59	59	68	71	61	55	63	67	65	68	68		69.6
	MIN	55	55	52	48	45	43	38	43	49	58	55	45	40	48	49	39	46	43	46	40	36	28	50	41	41	40	36	39	42	38		44.3
CENTER	MAX	85	75	58	62	68	69	86	86	86	89	75	76	77	82	74	82	65	71	66	56	61	75	75	63	63	62	73	75	67	73		72.5
	MIN	54	56	47	44	43	47	49	47	44	54	45	35	45	42	38	38	40	40	44	38	25	33	44	38	30	38	34	34	50	30		41.5
COOPERSTOWN	MAX	95	89	70	64	66	66	85	82	87	87	81	71	67	72	71	77	77	72	69	62	59	72	73	65	57	60	72	70	67	70		72.5
	MIN	56	60	51	44	45	37	36	48	50	56	52	43	41	44	42	37	53	39	44	39	32	31	48	45	43	40	32	39	41	33		43.4
CROSBY	MAX	80	76	58	62	64	68	85	85	80	77	70	67	75	75	75	82	76	69	64	55	61	75	69	60	64	62	66	74	70	69		70.4
	MIN	47	50	45	42	48	40	46	45	52	52	46	38	50	45	43	47	49	41	44	38	26	40	51	41	30	38	40	40	43	28		42.8
DEVILS LAKE W B CITY	MAX	81	82	57	62	65	66	85	80	88	88	70	64	70	75	71	76	70	69	64	50	58	72	70	57	51	60	68	68	66	68		69.0
	MIN	54	56	49	47	46	38	43	45	53	58	51	42	45	47	41	42	46	39	45	39	30	33	50	47	39	41	38	42	46	36		44.3
DICKINSON CAA AP	MAX	80	69	60	63	71	73	87	83	87	86	76	71	82	84	78	89	63	69	67	56	63	79	73	60	67	63	75	78	66	75		73.1
	MIN	50	48	44	42	45	40	46	48	50	50	43	39	47	44	43	49	42	40	43	32	28	37	43	35	32	42	49	40	40	36		42.2
DICKINSON EXP STATION	MAX	92	83	70	60	66	70	75	90	85	86	87	77	72	81	75	79	90	62	70	67	57	67	80	75	68	69	63	74	79	67		74.5
	MIN	52	56	45	43	45	38	36	43	46	46	41	36	42	42	39	43	45	37	45	40	24	30	45	35	29	38	44	38	46	32		40.7
DRAKE	MAX	97	82	77	59	62	66	67	87	82	84	89	73	64	80	79	72	82	59	70	68	55	59	73	71	56	58	62	71	73	66		71.4
	MIN	51	53	50	47	48	39	45	46	51	57	46	45	45	45	44	45	50	40	43	40	28	28	43	49	36	36	41	42	46	35		43.8
DUNN CENTER	MAX	91	80	68	56	63	70	73	88	83	84	85	76	68	81	84	78	89		70	66	52	62	77	73	61	66	64	73	78	67		73.3
	MIN	49	50	45	43	44	38	37	41	45	45	40	31	31	40	36	36	39	37	42	39	24	24	31	35	28	28	39	34	34	25		37.0
ECKMAN	MAX	91	78	68	57	63	69	78	88	80	85	88	73	70	78	78	72	82	61	70	62	55	60	73	73	55	58	65	70	73	62		71.2
	MIN	46	53	47	45	46	36	42	46	47	50	43	40	43	39	43	35	38	35	40	35	23	25	35	43	28	30	34	34	41	25		38.9
EDGELEY EXP FARM	MAX	100	81	91	64	67	74	71	86	84	89	91	74	63	75	80	75	85	82	75	72	60	61	74	79	61	60	64	82	75	70		75.5
	MIN	59	63	51	45	46		40	40	48	57	54	46	39	50	46	37	49	43	46	43	31	30	42	41	43	35	36	40	46	35		44.2
EDMORE 1 W	MAX	80	83	63	62	66	66	83	75	86	87	71	64	65	75	72	75	74	68	63	58	58	70	72	63	52	61	69	67	66	66		69.3
	MIN	50	56	50	45	45	35	35	45	50	55	51	40	43	42	38	34	42	34	43	35	27	26	47	40	39	38	29	33	41	31		40.6
ELBOWOODS	MAX	87	73	58	64	69	70	90	86	88	90	76	69	83	85	78	90	85	71	69	58	64	78	73	70	66	63	74	79	74	74		75.1
	MIN	50	55	47		43	40	45	46	46	49	45	33	48	39	40	41	41	33	45	43		39	46	38		45	38	39	38	25		42.1
ELLENDALE	MAX	92	91	74	66	74	72	85	85	88	90	82	71	74	79	76	85	85	75	77	65	62	75	74	63	63	64	79	78	70	77		76.4
	MIN	62	65	52	47	44	43	40	52	54	57	55	45	43	54	47	44	52	44	43	45	31	31	53	45	45	37	34	43	47	38		46.4
ENDERLIN	MAX	99	80	91	66	66	72	69	86	84	87	84	74	65	65	78	75	83	85	75	78	59	61	75	81	68	54	68	73	74	70		74.8
	MIN	62	62	53	46	45	39	37	40	47	48	56	48	38	38	45	35	35	42	42	40	30	28	29	40	44	39	32	38	38	34		41.7
EPPING	MAX	84	82	58	63	66	72	88	85	83	85	77	74	80	80	78	85	83	70	70	68	62	75	75	61	65	66	69	80	72	70		74.2
	MIN	46	52	46	41	47	42	47	51	51	56	41	38	47	42	38	50	48	36	46	34	26	39	48	41	29	36	44	43	42	28		42.5
FARGO WB AIRPORT	MAX	80	89	65	66	67	69	85	84	85	78	72	61	61	75	74	80	84	74	76	59	59	71	78	67	52	63	73	72	69	68		71.9
	MIN	63	59	51	47	46	40	37	57	54	63	54	45	44	42	45	38	55	45	44	40	32	35	56	41	44	40	35	44	47	38		46.0
FESSENDEN	MAX	91	82	62	64	68	68	87	82	86	90	83	66	78	80	73	84	76	70	66	55	60	74	71	66	58	62	71	73	68	70		72.8
	MIN		61	51									42	44	47	40	38	48	38	45	39	27	30	39	48	38	40	36	39	39	30		40.9
FORMAN	MAX	93	91	74	69	75	74	85	84	89	88	81	69		77	79	86	88	72	77	65	60	69	78	66	57	65	75	76	71	77		76.2
	MIN	58	68	51	45	43	40		56	50	59	59	49		47	40			40	41	43	31	34	40	40	45	40	35	43	47	30		45.2
FORT YATES	MAX	100	82	67	67	76		89	85		94	90	73	86	85	83	88	79	77	76	65	64	76	74	67	69	65	81	77	72	80		78.1
	MIN	57	66	49	47	44		42	48		53	48	39	50	49	44	42	47	39	47	44	28	40	46	38	35	42	39	36	51	33		44.4
FOXHOLM 7 N	MAX	87	77		63	65	68			87	87	78	69	71	78	73	84	84	68	64	56	61	75	70	67		62	69	77	68	68		72.2
	MIN	49	47	49	48	51				50	54	48	40	45	43	46	34	43	44	50	42	26	39	50	38		30	38	38	50	31		43.2
FULLERTON	MAX	85	91	69	66	75	71	86	83	89	89	75	65	75	79	75	85	83	74	76	61	61	75	78	62	62	64	77	75	70	75		75.0
	MIN	62	66	52	46	45	41	42	51	50	58	55	46	42	53	45	40	51	41	46	45	31	31	54	42	45	40	34	44	47	36		46.0

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX																																
	MIN																																
GARRISON	MAX	98	81	73	57	64	68	71	87	84	87	90	74	67	82	82	77	84	60	70	62	57	61	74	73	59	62	62	73	75	67		72.7
	MIN	52	51	47	45	44	40	44	47	50	53	44	40	45	43	40	41	45	37	38	39	26	26	38	47	30	30	43	41	41	33		41.3
GRAFTON STATE SCHOOL	MAX	93	87	78	62	66	67	83	80	85	84	78	64	58	75	71	73	77	71	68	60	57	68	74	67	54	62	68	68	68	67		71.1
	MIN	56	58	55	47	46	42	38	45	48	59	57	45	41	45	48	39	50	41	48	41	35	31	41	38	44	39	33	38	42	38		44.3
GRAND FORKS CAA AP	MAX	79	86	62	60	66	66	84	79	85	82	69	61	58	74	72	73	78	72	68	51	58	68	75	64	55	62	69	69	68	68		69.4
	MIN	57	57	50	47	44	39	39	48	49	58	50	45	41	46	46	41	52	42	44	39	35	31	47	38	40	38	34	37	40	37		43.7
GRAND FORKS UNIVERSITY	MAX	88	85	72	63	66	67	82	77	84	81	69	61	58	74	72	73	73	72	70	55	56	68	76	65	53	66	69	67	68	65		69.8
	MIN	58	60	55	47	46	40	40	50	51	60	57	46	43	46	45	41	54	44	46	41	36	33	50	41	47	40	35	39	43	38		45.7
GRAND RAPIDS 1N	MAX	89	91	72	66	72	72	85	86	89	90	74	70	74	80	75	83	79	75	74	60	62	75	78	66	60	64	75	75	70	74		75.2
	MIN	60	65	52	45	44	36	35	46	47	54	53	47	42	49	40	34	49	36	42	48	28	30	52	38	45	41	31	36	46	29		43.3
GRANVILLE	MAX	84		68	63	67	63	88	82	87	91	75	65	79	80		84		70	62	55	61	70	73	65	60	62	71	76	71	69		71.9
	MIN		54	50	47	50	39	43	45	52	56	46	41	50	45			41	42	47	39	27	32	53	44	32	43	40	40	50	30		43.6
GRENORA	MAX	78	80	63	63	66	72	84	85	80	79	73	69	78	76	76	85	82	71	65	60	62	74	70	62	64	63	68	78	75	70		72.4
	MIN		45	46	41	46	39	46	47	52	53	42	38	50	44	39	48	48	39	45	37	24	37	49	41	31	37	45	44	39	27		42.0
HANKINSON R R STATION	MAX	93	83	84	65	64	72	68	82	80	83	81	72	63	61	72	72	80		71	77	59	56	72	75	66	49	63	76	75	70		71.9
	MIN	65	65	55	47	48	45	40	45	48	51	57	50	40	41	39	41	43		44	49	33	33	33	44	44	39	37	40	46	39		44.9
HANNAH	MAX	77	74	62	58	63	64	81	73	85	79	74	62	66	72	69	71	68	64	63	57	57	68	70	57	52	59	65	65	65	64		66.8
	MIN	47	55	48	44	42	35	37	43	49	52	48	35	41	42	41	31	40	33	40	36	26	28	47	38	37	40	32	35	46	29		39.9
HANSBORO	MAX	76	75	60	60	64	65	82	72	87	83	70	65	71	76	70	74	66	68	64	51	60	70	71	55	56	60	66	67	66	65		67.8
	MIN	49	57	46	46	43	40	39	46	52	52	48	40	44	45	43	38	44	37	43	39	27	27	45	43	36	41	33	37	47	31		41.9
HETTINGER	MAX	80	71	61	64	72	72	82	84	85	87	76	70	81	85	81	89	69	70	74	57	62	76	73	64	66	61	74	74	65	76		73.4
	MIN	54	50	43	40	40	42	49	49	50	52	44	43	45	42	39	49	40	35	46	37	26	35	53	39	30	41	33	43	40	36		42.2
HILLSBORO	MAX	92	86	82	71	68	65		85	84	81	77	69	64	74	74	75	80	73	70	61	62	69	77	64	53	62	72	70	68	68		72.3
	MIN	58	62	54	46	45	43	36	49	50	66	56	46	43	38	45	38	55	43	42	39	35	30	43	48	46	39	33	43	45	38		45.1
JAMESTOWN CAA AP	MAX	78	88	59	63	69	68	86	84	86	88	74	62	73	79	73	84	74	72	71	56	60	75	74	62	59	62	80	73	68	72		72.4
	MIN	56	56	48	47	49	40	37	46	48	58	46	44	41	48	41	36	47	41	47	38	30	29	49	43	42	34	31	38	42	32		42.8
JAMESTOWN STATE HOSP	MAX	88	89	67	64	69	67	88	85	88	89	80	65	74	79	73	85	75	74	74	69	60	74	74	63	59	62	79	72	68	71		74.1
	MIN	58	63	52	47	48	41	37	48	49	59	53	47	42	51	44	36	48	42	46	40	30	30	52	46	42	40	32	41	47	34		44.8
KENMARE	MAX	87	80	70	59	62	65	75	90	84	85	85	72	65	75	78	74	85	55	68	60	53	63	72	70	56	60	60	68	75	65		70.5
	MIN	45	48	45	45	45	39	41	43	45	52	44	39	42	43	41	40	42	40	42	39	25	26	43	40	30	32	40	41	42	31		40.3
KENSAL WILDLIFE REFUGE	MAX	90	88	60	68	72	72	89	87	87	91	89	72	73	83	78	83	80	75	76	68	63	74	78			66	77	73	72	73		77.0
	MIN	56	60	51	46	43	37	35	46	47	54	48	44	42	47	42	33	45	39	45	39	28	31	43			37	31	36	42	32		42.1
LANGDON EXP FARM	MAX	90	80	74	64	66	65	84	71	85	80	70	60	63	73	70	70	71	67	65	58	58	67	71	62	51	60	66	63	65	65		68.5
	MIN	49	55	49	45	44	37	39	42	55	55	52	38	43	42	42	37	41	37	42	37	27	34	48	42	37	40	32	34	45	31		41.7
LARIMORE	MAX	92	89	70	64	74	63	85	81	85	86	72	62	60	76	73	73	75	72	63	58	59	70	75	64	53	62	69	69	69	68		71.0
	MIN	57	60	51	47	47	47	39	47	50	58	58	45	44	46	46	37	49	43	45	40	33	30	50	41	44	41	35	39	38	37		44.8
LEEDS	MAX	87	80	60	62	64	66	84	81	88	88	71	63	69	77	71	80	71	68	60	57		73	72	60	52	60	69	70	67	67		70.2
	MIN	47	57	48	45	46	35	42	44	54	54	46	43	43	43	39	32	46	37	40	37	26	26	47	42	37	40	38	37	47	31		41.6
LINTON	MAX	87	84	62	65	74	72	90	89	89	92	82	70	82	82	78	77	76	73	75	66	63	75	73	67	65	64	78	78	69	77		75.8
	MIN	58	60	48	42	38	43	44	51	51		52	45	47	44	38	42	45	34	39	38	24	41	45	43	40	41	37	37	49	31		43.0
LISBON	MAX	94	86	74	64	70	70	87	83	88	87	74	65		79	77	84	83	75	76	58	60	75	75	57	60	65	72	73	72	70		74.2
	MIN	63	68	52	45	44	39	33	50	46	56	56	48		40	44	33	55	41	41	42	31	28	48	37	45	38	32	37	47	30		43.8
LOSTWOOD 12N	MAX	85	75	56	60	63	65	86	82	82	81	71	65	74	72	72	83	77	67	63		59	73	67	59	60	59	66	74	69	67		70.1
	MIN	45	51	43	43	44	35		42	47	50	40	38	47	41	37	40	46	36	42		21	35	46	37	26	38	36	39	42	25		39.7
MADDOCK AGR SCHOOL	MAX	90	81	64	62	67	68	85	80	89	89	85	63	72	76	72	81	76	70	65	58	57	73	72	66	54	61	69	70	66	66		71.6
	MIN	48	58	50	48	47	38	45	46	50	58	58	44	43	46	41	39	44	40	46	38	29	31	44	47	38	42	33	41	48	35		43.8
MANDAN EXP STATION	MAX	98	80	77	62	64	69	69	86	86	88	90	74	64	82	84	76	85	59	73	68	56	62	76	74	59	63	62	76	78	68		73.6
	MIN	58	61	48	45	47	47	43	48	52	58	47	39	49	48	45	44	45	42	49	42	29	37	48	44	33	44	39	38	52	35		45.2
MANDAN FT LINCOLN PARK	MAX	96	80	58	67	73		89	89	90	93	85	71	85	86	79	86	77	77	73	60	68	77	75		67	65	80	78	73	78		77.7
	MIN	55	58	47	46	45		39	47	49	58	47	38	48	47	40	40	45	37	50	40	27	34	46	47	32	41	40	37	47	32		43.4
MARMARTH	MAX	80	74	58	62	71		84	84	85	85	78	75	81	81	78	87	74	69	73	58	66	80	73	62	70		74	81	74	79		74.9
	MIN	55	55	45	43	39		44	46	45	49	40	42	50	41	35	44	47	36	47	40	26	40	50	40	28	40	39	39	47	29		42.1
MAX	MAX	92	82	72	56	60	65	80	87	84	89	90	70	72	82	82	74	83	58	79	62		68	71	70		60	60	72	70	62		73.3
	MIN	54	54	47	45	45	42	48	47	55	55	45	40	45	42	42	48	43	39	43		27	36	43	45	30	32	40	40	38	34		42.9
MAYVILLE	MAX	86	89	76	61	64	63	81	80	81	80	78	66	59	74	72	76	77	72	70	64	58	70	77	67	53	62	72	70	66	68		71.1
	MIN	59	60	55	48	48	44	43	51	53	59	58	48	44	41	46	40	52	44	44	41	34	31	52	43	44	40	39	43	43	38		46.2
MC CLUSKY	MAX	89	76	59	61	67	67	86	84	86	90	80	68	80	80	73	82	76	70	62	56	59	73	75	64	61		71	75	67	72		72.7
	MIN	53	59	47	45	47	39	44	47	60	61	55	41	54	47	43		48	36	47	39	26	37	46	49	32		40	40	50	33		45.2
MC HENRY 5 N	MAX	79	86	60	63	65	66	84	79	87	87	76	63	70	77	72	78	68	71	67	61	59	73	72	60	52	60	73	68	66	67		70.3
	MIN	53	58	48	43	42	37	41	45	51	56	51	43	41	47	39	40	45	40	38	37	30	30	46	43	40	40	33	41	44	32		42.5
MC LEOD 3 E	MAX	85	89	74	65	73	72	86	84	86	84	77	66	65	77	76		85	74	77	70	62	73	79	69	63	65	75	76	72	72		74.9
	MIN	61	59	45	45	45	39	36	50	49	57	55	49	41	37	41	35	56	40	41	40	30	31	52	43	40	41	33	40	45	30		43.5
MEDORA 4 NNE	MAX	85	79	61	65	71	76	87	86	84	86	80	75	82	84	81	90	83	70	67	59	67	82	78	68	72	69	74	83	77	78		76.6
	MIN	51	56	47	45	46	37	39	44	47	45	38	35	44	37	32	39	47	33	44	41	21	36	50	35	21	42	46	38	48	26		40.3
MINOT CAA AP	MAX	78	75	58	62	65	67	86	81	86	89	72	63	77	77	73	81	62	68	61	52	59	73	70	57	58	60	70	74	66	67		69.6
	MIN	52	52	48	48	49	38	50	47	53	54	46	41	50	45	47	40	45	43	47	39	28	37	55	42	31	44	45	43	48	34		44.7
MINOT EXP STA	MAX	81	75	59	63	67	67	88	88	85	89	78	65	78	80	74	81	79	70		57	60	73	71	59	60	61	71	74	71	68		72.1
	MIN	48	54	46	44	47	35	44	43	53	49	42	38	46	41	40	40	45	38		36	24	37	53	39	31	43	41	42	50	31		42.1
MOFFIT 4 SE	MAX	96	78	66	62	66	66	86	84	86	88	83	77	76	80	79	82	78	73	70	56	60	73	72	67	60	59	75	75	73	73		74.0
	MIN	59	61	46	42	40	38	40	47	48	53	47	45	43	46	38	40	40	31	39	39	21	33	44	40	34	39	33	30	44	23		40.8
MOHALL	MAX	79	73	58	63	67	69	89	83	88	88	84	73	77	76	75	82	76	71	63	63	61	73	75	61	60	62	69	74	70	65		72.2
	MIN	44	57	48	46	50	38	40	42	48	50	50	41	49	40	48	37	45	39	41	38	24	29	49	41	29	42	39	39	50	28		42.0
MOTT	MAX	79	70	69	63	71	73	87	87	88	87	75	71	80	86	79	90	70	73	72	57	63	77	74	66	66	63	74	76	68	76		74.3
	MIN	53	54	45	42	38	38	43	41	46	45	39	34	46	41	34	45	45	33	42	36	23	34	46	35	26	41	42	36	48	29		40.0
MUNICH 4 SW	MAX	80	76	63	60	63	64	81	72	83	82	69	61	64	74	69	69	67	65	64	55	55	66	70	61	50	60	65	64	63	63		66.6
	MIN	47	54	48	44	42	32	36	43	50	53	48	47	42	43	37	35	42	29	39	35	26	29	43	42	37	39	30	34	42	30		39.9

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	94	84	63	64	75	72	88	88	89	91	82	78	79	82	78	85	78	72	73	60	62	75	71	60	61	62	77	75	69	75		75.4
	MIN	57	63	50	45	45	41	40	51	48	61	49	39	44	47	44	41	47	38	48	42	28	34	51	47	37	40	36	37	46	28		44.1
NEW ENGLAND	MAX	80	74	62	62	70	75	88	87	82	87	77	70	81	87	79	89	74	69	69	60	64	78	73	62	67	63	73	76	66	76		74.0
	MIN	53	53	49	42	44	42	41	50	45	48	44	36	44	44	40	42	48	34	44	43	23	32	49	36	25	42	43	38	44	33		41.7
NEW SALEM 1 S	MAX	80	75	58	64	70	72	87	84	88	91	75	64	81	86	80	87	72	72	69	57	61	74	73	61	64	63	75	75	68	75		73.4
	MIN	51	52	45	43	42	42	47	50	56	59	45	36	47	45	43	40	46	39	48	40	29	33	50	40	36	44	42	37	42	36		43.5
NEWTOWN	MAX	82		55	64	67	69	87	87	87	84	75	68	80	81	76	89	70	69	60	55	60	75	70	68	65	62	70	78	73	70		72.3
	MIN	51		47	45	47	37	45	51	51	56	45	38	48	45	41	46	46	38	48	40	27	38	50	41	29	43	43	39	48	27		43.1
OAKES	MAX	94	80	88	63	65	72	67	82	81	86	85	72	62	71	75	72	84	84	72	75	59	58	75	73	62	57	62	74	74	68		73.1
	MIN	62	65	51	45	46	43	37	50	51	57	55	46	41	49	45	38	48	40	38	44	31	29	35	41	45	39	32	41	46	29		44.0
PARK RIVER	MAX	94	85	74	60	65	67	85	83	85	83	77	65	62	75	71	72	78	69	67	60	58	68	73	66	54	61	69	65	68	67		70.9
	MIN	57	58	54	48	47	43	43	45	51	59	55	45	40	43	49	39	48	42	49	39	35	31	50	41	43	38	36	39	42	38		44.9
PARSHALL	MAX	82	78	58	65	67	70	88	87	88	87	76	69	80	82	76	89	82	70	67	55	61	75	71	63	64	62	72	77	71	71		73.4
	MIN	44	50	43	40	42	37	44	46	47	51	38	33	48	37	34	34	38	33	38	34	20	38	45	47	26	41	39	37	42	24		39.0
PEMBINA 2N	MAX	98	87	84	71	71	67	78	76	83	83	76	64	64	72	70	73	79	72	72	58	59	69	72	69	61	62	66	66	68	68		71.9
	MIN	54	56	54	47	41	38	39	41	49	56	56	44	42	48	46	38	53	41	49	38	32	30	52	38	42	41	33	34	44	34		43.7
PETERSBURG	MAX	92	87	69	63	65	67	83	82	85	86	73	67	61	75	72	71	78	70	67	57	58	67	77	61	52	60	69	66	70	79		71.0
	MIN	53	58	51	45	44	38	41	46	55	58	53	43	41	39	41	39	51	38	40	38	30	33	49	44	42	38	35	37	42	32		43.1
PETTIBONE	MAX	91	77	60	61	69	67	85	84	87	87	79	65	79	73	73	82	75	72	67	58	59	73					75	77	70	72		73.7
	MIN	57	57	50	46	47	40	41	51	55	62	50	48	47	44	41	42	49	37	49	40	29	36					43	46	39	32		45.3
PORTAL	MAX	80	82	63	58	60	63	70	86	82	80	79	69	64	73	73	71	85	58	67	60	52	62	74	70	57	62	61	67	73	64		68.8
	MIN		56	48	44	46	36	52	46	50	51	41	38	46	43	37	44	34	40	40	38	25	36	49	44	29	39	41	40	40	29		41.4
POWERS LAKE 1N	MAX	79		59	60	65	67		83	83	80	73	71	76	78	74	85			68	56	60	72	69	58	61	60	66	75	67	66		69.7
	MIN	44		43	44	44	34		45	48	45	38		50	37	37	43	38	37	35	32	19	35	37	35	28	36	35	38		28		37.9
RICHARDTON ABBEY	MAX	84	74	58	63	70	74	87	84	85	88	77	70	80	85	80	89	81	70	68	58	63	75	74	65	65	63	75	76	70	75		74.2
	MIN	52	54	44	43	46	41	47	48	53	56	47	40	46	45	41	49	46	39	47	40	28	38	53	45	32	43	47	43	48	42		44.8
RIVERDALE	MAX	96	82	77	59	63	68	70	86	85	86	89	73	65	80	81	75	83	59	70	68	55	60	73	73	59	62	61	72	75	66		72.4
	MIN	52	59	48	47	48	45	45	49	53	53	47	38	45	46	45	48	48	41	45	42	29	36	45	46	32	39	41	39	45	32		44.3
ROLLA	MAX	79	72	67	60	63	68	83	75	86	82	69	63	74	74	69	74	66	66	62	50	59	70	70	54	54	59	67	68	65	65		67.8
	MIN	52	55	47	45	44	41	41	42	53	52	48	41	45	43	45	37	48	36	43	39	30	30	45	44	31	40	34	37	46	31		42.2
RUGBY	MAX	90	77	70	62	66	65	86	84	88	88	86	66	76	77	72	81	80	68	66	60	60	72	73	68	52	62	69	66	69	67		72.2
	MIN	53	59	50	48	48	36	42	47	53	56	47	45	48	46	38	42	42	39	44	39	28	35	48	48	37	44	38	37	37	32		43.5
SAN HAVEN	MAX	76	71	59	63	64	65	84	78	85	81	74	61	72	73	70	74	69	68	65	54	59	70	70	64	51	59	66	68	63	63		68.0
	MIN	52	56	47	45	46	41	40	50	56	57	48	42	44	43	42	46	45	35	42	40	29	37	44	47	35	41	36	39	48	32		43.5
SHARON	MAX	92	87	69	68	65	65	81	78	85	83	73	63	63	73	70	75	72	70	67	57	58		71	62	52	60	70	67	66	70		70.1
	MIN	56	60	50	45	44	39	40	48	53	58	52	44	40	40	41	41	49	39	44	39	32	36	50	43	43	39	35	40	43	34		43.9
STANLEY	MAX	79	74	56	61	64	74	88	84	85	81	71	65	76	76	73	85	72	66	59	52	64	73	72	58	61	60	68	76	69	66		70.3
	MIN		49	38	45	45	46	47	57		51	41	36	46	42	40	59	35	39	36	36	24	30	44	38	35	42	38	40	35	36		41.1
STEELE	MAX	82	82	65	64	69	69	82	82	89	90	84	63	81	80	75	83	78	74	69	57	60	75	73	67	62	62	78	71	69	73		73.6
	MIN	56	62	49	42	44	41	44	49	52	61	43	42	42	41	42	43	49	36	45	40	28	38	49	43	37	45	38	38	48	32		44.0
TOWNER	MAX	82	75	60	65	63	67	87	83	87	90	75	64	80	78	70	82	61	70	72	65	59	67	74	64	56	63	70	73	67	68		71.2
	MIN	47	47	49	45	46	35	39	42	50	52	42	44	42	39	43	39	41	37	38	37	23	32	45	44	35	41	37	43	35	33		40.7
TURTLE LAKE	MAX	87	78	59	62	67	69	82	85	81	90	80	70	81	81	75	80	72	70	68	56	60	73	73	66	60	61	73	76	71	72		72.6
	MIN	53	58	48	45	47	42	44	50	51	52	44	42	49	44	42	45	49	39	47	39	28	36	49	46	31	42	44	40	50	33		44.3
UNDERWOOD	MAX	97	82	73	56	63	68	70	87	85	86	90	74	67	81	82	75	82	57	70	63	50	61	73	70	59	60	62	72	75	67		71.9
	MIN	52	52	47	46	45	42	44	51	54	56	45	41	46	44	43	45	48	38	42	41	26	31	44	43	30	35	41	39	42	32		42.8
UPHAM 3N	MAX	83	71	60	66	71		91	86	89	90	78	68	80	83	78	82	79	72	66	57	63	76	78	68	56	65	70	73	71	66		73.7
	MIN	41	56	47	43	44	31		41	45	52	39	39	44	40	37	34	36	35	37	33	19	28	40	41	33	41	35	36	46	30		38.7
UPHAM 3 W	MAX																																
	MIN																																
VALLEY CITY	MAX	96	89	74	62	67	66	84	84	83	85	83	71	66	75	75	83	79	72	77	67	59	75	74	69	57	62	74	72	68	70		73.9
	MIN	60	62	54	47	46	40	35	48	48	56	54	48	42	42	44	35	55	41	43	43	32	28	47	42	45	42	31	43	44	33		44.3
VELVA	MAX	84	76	58	61	65	65	82	80	78	85	78	68	77	77	71	81	75	68	64	58	59	73	68	58	59	60	70	74	72	68		70.4
	MIN	52	58	50	46	51	40	41	46	53	53	49	41	49	46	45	38	49	44	49	42	29	34	55	43	33	41	45	42	52	34		45.0
WAHPETON STATE SCHOOL	MAX	90	88	79	67	73	73	84	83	86	82	78	69	63	77	77	81	85	79	81	67	63	71	78	69	56	68	75	76	74	71		75.4
	MIN	64	69	55	45	45	41	40	55	54	62	58	50	42	42	43	40	59	41	45	44	31	32	57	43	45	41	34	40	49	35		46.7
WASHBURN	MAX	84	77	62	66	71	72	87	87																				75	74	73		
	MIN	52	55	47	44	46	44	50	49																					50	34		
WATFORD CITY	MAX	81	73	58	63	67	72	88	86	85	84	75	70	81	82	78	89	72	69	60	54	63	78	69	59	68	61	72	82	70	72		72.7
	MIN	51	54	45	43	47	40	44	53	52	52	43	38	49	45	42	50	45	40	48	43	29	39	55	46	30	40	44	43	45	30		44.2
WATFORD CITY 14 S	MAX	88		59	65	70	75	90	88	87	86	81	76	83	85	80	92	86	72	67	58	65	82		62	70	70	71	83	81	75		76.7
	MIN	50	55	45	45	46	36	45	48	49	49	39	40	49	40	37	50	45	39	47	40	24	39	51	40	26	42	44	41	47	28		42.5
WESTHOPE	MAX	79	68	60	63	65	68	86	85	85	85	72	62	76	75	73	80	62	70	63	62	60	72	72	55	57	62	69	71	66	65		69.6
	MIN	44	56	47	44	42	33	40	40	47	51	40	41	48	40	40	41	38	34	36	36	22	35	47	38	30	29	37	36	40	28		39.3
WILLISTON WB CITY	MAX	80	67	59	64	66	72	86	85	82	82	75	70	80	78	76	85	60	67	57	52	62	75	68	55	66	61	69	80	65	71		70.5
	MIN	50	50	47	45	50	47	48	51	53	56	48	41	53	48	45	56	47	42	48	39	30	41	51	37	33	41	47	47	43	31		45.5
WILLOW CITY	MAX	80	72	58	64	68	70	88	80	88	88	75	63	77	79	75	81	63	70	65	60	60	72	75	60	53	62	70	71	68	65		70.7
	MIN	48	50	49	46	48	36	34	45	48	54	45	44	46	44	38	32	34	31	48	46	26	27	46	43	37	42	30	33	34	29		40.4
WILTON RR STATION	MAX	98	79	72	57				85	83	82	87			80	79	73	77	59	69			59	72	71	51			72	74	65		73.5
	MIN	52	55	45	43				42	49	55	45			39	43	44	51	40			30	31	40	46				39	46	35		
WISHEK	MAX	96	84	68	63	72	69	86	84	88	89	86	83	77	79	79	84	79	74	72	66	60	73	70	67	62	63	77	75	73	76		75.8
	MIN	57	61	47	41	39	38	38	46	47	54	47	39	40	40	40	38	38	37	37	36	25			34	35	38	33	33	44	31		40.5

TABLE 6 FOR THIS ISSUE MAY BE FOUND ON PAGE 125.

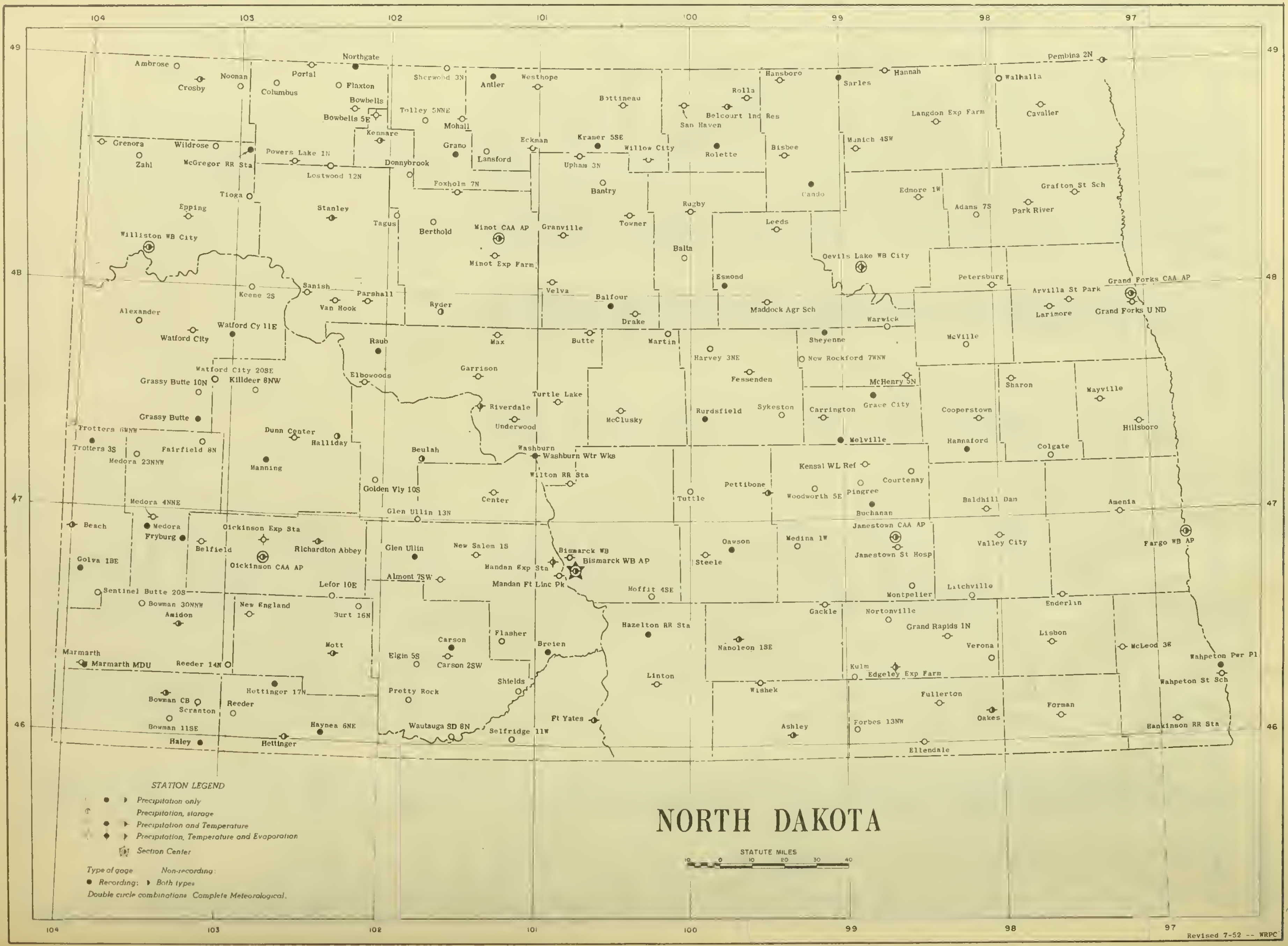
STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	–		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0138	Morton	4	46 43	101 38	2300	7P	7P	Hogan Ramaland	2 3 5 7
Ambrose	0189	Divide	12	48 55	103 28	2058		5P	Soo Line Agent	3
Amenia	0188	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Moller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	F. B. Chidester	3
Bantry	0518	McHenry	12	48 30	100 36	–		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tebiae	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1980	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0839	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1670	9A	9A	U.S. Weather Bureau	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2872	5P	5P	O. H. Book	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	–		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank H. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	–		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	–		MID	Harry H. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Ranawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	H. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Heachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	–		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Sthhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Hchilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	–		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	James Marr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2860		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	–		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisse	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3836	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	B. J. Reynolds	3
Haynes 6 NE	4073	Adams	1	46 00	102 22	2550		MID	Hazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	Ephrain Zacher	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	–		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnka	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. B. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davie	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		8P	John Streehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	–		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	H. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy H. Kessler	3
Max	5638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	8P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	–		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467		6P	B. B. Kniefel	3
Medina 1 W	5798	Stutsman	8	46 53	89 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 NNW	5818	Billings	7	47 14	103 38	2123		7P	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	88 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5888	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Sta.	5983	Ward	12	48 10	101 18	1720	6P	6P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	48 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1839	8P	8P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	48 42	98 35	–		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	46 29	98 45	1955	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2821	8P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6385	Morton	4	46 50	101 25	2163	6P	8P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	–		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	–		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	–		MID	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		8P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. H. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	–		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1898	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	Deep Rvr Dvlpmnt Fm	2 3 5 6
Valley City	8937	Barnes	11	46 55	93 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	–		6P	Virgil H. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Helen Sanstadt	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	–		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	–	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	8635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES FOR THIS ISSUE MAY BE FOUND ON PAGE 127.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

DEC 1 8 1953

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OCTOBER 1953

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KANSAS CITY: 1953

NORTH DAKOTA - OCTOBER 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

October was characterized by unusual weather. A heat wave at the beginning of the month broke all-time records in some places for highest temperatures so late in the season. The western third of the state recorded heavy precipitation while almost all other sections were deficient in rainfall. It was the warmest October since climatological records were begun in 1892. Consequently, it was an excellent month for all outdoor activities.

The mean temperature for the state was 51.9 degrees which is 7.9 degrees above normal. The eastern division averaged 52.8 degrees which is 8.4 degrees above normal; the middle division averaged 51.6 degrees which is 7.9 degrees above normal, and the western division averaged 51.4 degrees which is 7.4 degrees above normal. The temperatures ranged from a high of 97 degrees at the station 14 miles south of Watford City on the 1st to a low of 12 degrees above at Moffit on the 6th. The mean temperature ranged from 55.6 degrees at Wahpeton to 48.2 degrees at Eckman.

Precipitation over the state averaged 1.10 inches which is 0.06 inch above normal. The eastern division averaged 0.88 inch which is 0.40 inch below normal; the middle division averaged 0.94 inch which is 0.04 inch below normal, and the western division averaged 1.48 inches which is 0.64 inch above normal. Precipitation ranged from 2.68 inches at Columbus to 0.25 inch at Willow City and Hansboro. The greatest amount recorded in a single day was 1.98 inches at Columbus on the 22nd. Scattered snow occurred on the 27th and 31st with Sherwood reporting a half inch for the largest amount. The average snow for the state was only a trace.

The weather was ideal for completion of the harvest. Some late flax was still being harvested in October. Potato digging and sugar beet lifting was finished the latter part of the month. Some corn picking still remained at the end of the month. General drouth conditions prevailed over the state during most of the month. Some relief was obtained from substantial rains during the latter part, particularly in the west portion. As a result, pastures are rated only fair although they are better than a year ago. Fall plowing was curtailed in some areas due to dry topsoil. Livestock maintained good condition, obtaining sufficient feed from pastures and stubble fields. There were no severe storms during the month.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AP	SSE	13	9.2	38	NW	22	72	82	49	52	3	1	4	0	0	0	8	72	4.7
DEVILS LAKE WB CITY	-	-	8.0	28	N	5	-	-	-	-	4	1	3	0	0	0	8	71	4.6
FARGO WB AP	SSE	27	13.9	35	SE	21	68	76	51	57	4	4	1	0	0	0	9	71	5.1
WILLISTON WB CITY	-	-	5.7	24	W	1	66	79	48	47	5	0	0	2	0	0	7	74	4.5

Table 1

COMPARATIVE DATA

OCTOBER

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	47.2	95	7	0.58	T	3
1893	40.6	79	0	1.05	0.9	5
1894	43.0	77	16	1.66	.0	6
1895	40.5	85	-12	0.24	.0	2
1896	40.2	88	5	0.69	.0	3
1897	45.9	93	6	0.77	0.8	4
1898	38.8	84	8	2.23	4.7	6
1899	42.1	86	7	1.17	1.3	5
1900	48.2	87	14	1.54	T	6
1901	47.5	88	11	1.61	T	5
1902	43.7	87	10	1.28	0.7	4
1903	47.0	81	11	0.94	0.2	3
1904	46.6	87	10	0.90	T	5
1905	40.3	93	0	0.36	1.2	5
1906	45.0	89	0	0.49	1.4	4
1907	44.4	88	4	0.61	0.2	3
1908	43.0	86	8	1.63	0.7	6
1909	43.1	97	0	0.65	0.9	3
1910	48.2	95	0	0.51	0.1	3
1911	42.5	86	-10	1.24	0.5	6
1912	44.4	90	0	1.07	3.5	4
1913	39.3	90	- 2	1.59	0.7	4
1914	50.0	97	0	0.93	T	4
1915	46.6	87	10	1.09	0.2	4
1916	40.0	85	- 2	0.70	2.0	4
1917	34.7	82	- 4	0.78	6.4	5
1918	46.2	90	4	0.53	0.8	4
1919	33.5	84	-18	1.14	9.3	6
1920	49.3	95	6	0.55	0.1	3
1921	47.3	88	16	0.66	T	4
1922	45.7	98	8	0.58	2.3	3
1923	44.0	84	- 8	0.89	0.5	4
1924	50.3	86	19	2.42	0.3	7
1925	33.3	66	-16	0.81	3.7	6
1926	42.6	85	4	1.36	1.0	6
1927	47.0	88	12	1.33	1.0	5
1928	43.5	85	3	0.46	0.6	2
1929	46.8	88	10	1.85	5.1	6
1930	40.8	86	0	1.81	0.3	7
1931	47.7	90	10	1.39	0.2	6
1932	38.3	90	- 3	2.27	9.1	8
1933	41.5	88	5	0.54	1.7	4
1934	49.0	94	5	1.01	0.1	3
1935	43.5	86	-10	0.16	0.7	2
1936	42.3	90	- 5	0.21	1.1	3
1937	43.9	94	1	0.80	0.2	4
1938	50.9	95	4	0.55	1.1	4
1939	41.3	84	- 6	0.75	1.2	7
1940	50.7	89	18	1.56	T	6
1941	44.5	81	0	1.32	2.0	5
1942	46.5	90	- 3	0.46	1.8	4
1943	48.2	89	10	0.76	2.8	3
1944	48.7	84	11	0.12	T	1
1945	45.1	89	6	0.37	T	3
1946	40.1	91	2	2.23	8.5	8
1947	51.2	97	15	1.31	0.9	7
1948	46.4	85	- 1	0.97	T	3
1949	43.5	91	8	2.55	1.4	9
1950	46.9	88	17	0.63	3.1	4
1951	42.1	87	2	1.04	3.0	6
1952	43.2	80	2	0.10	0.1	2
1953	51.9	97	12	1.10	T	4

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

See reference notes following Station Index.

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.10 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																								
AMENIA		67.9	40.0	54.0	9.3	91	1	24	6+	352	1	0	8	0	1.01	- .34	.33	17	.0	0		6	0	0
ARVILLA STATE PARK		65.7	37.6	51.7M		86	1			404	0	0		0	1.29		.77	17	.0	0		5	1	0
CARRINGTON		66.8	35.6	51.2	7.5	90	2	22	26+		1	0	13	0	.59	- .44	.18	26	.0	0		5	0	0
CAVALIER		64.4	39.1	51.8	8.8	84	1	23	6	403	0	0	8	0	1.11	- .18	.75	17	.0	0		5	1	0
COOPERSTOWN		66.5	39.5	53.0M	8.3	90	1	23	26	386	1	0	7	0	1.65	.57	.66	16	.0	0		5	2	0
DEVILS LAKE WB CITY	R	64.2	38.8	51.5	7.6	88	1	21	6	415	0	0	8	0	.59	- .67	.22	22	.0	0		4	0	0
EDGELEY EXP FARM		68.2	38.3	53.3	7.7	92	2	23	26		1	0	7	0	.78	- .24	.42	17	.0	0		4	0	0
EDMORE 1 W		65.6	36.0	50.8	8.3	87	1	17	6	435	0	0	12	0	.71	- .27	.37	17	.0	0		3	0	0
ELLENDALE		70.0	40.0	55.0	9.1	91	1	22	26	320	1	0	8	0	.71	- .35	.29	22	.0	0		6	0	0
ENDERLIN		67.8	36.3	52.1		89	2	22	24+		0	0	11	0	.58		.31	17	.0	0		4	0	0
FARGO WB AP	R //	66.3	40.7	53.5	7.4	90	1	24	6	381	1	0	7	0	.32	- .94	.24	25	T	0		5	0	0
FORMAN		68.2	38.3	53.3M	7.3	89	1	21	24	398	0	0	7	0	.78	- .57	.45	16	.0	0		2	0	0
FULLERTON		69.8	39.6	54.7	9.4	91	1	21	26	326	1	0	8	0	.73	- .60	.24	22	T	0		6	0	0
GACKLE		67.8	40.3	54.1	8.7	89	1	21	26	344	0	0	7	0	.41	- .55	.19	25	.0	0		4	0	0
GRAFTON STATE SCHOOL		66.1	39.3	52.7	8.9	86	1	20	6	383	0	0	7	0	1.29	.15	1.10	17	.0	0		5	1	1
GRAND FORKS CAA AP	R	64.2	39.2	51.7	8.0	87	1	23	6	418	0	0	7	0	1.20	- .16	.51	16	.0	0		4	1	0
GRAND FORKS UNIV		65.4	42.1	53.8	10.1	86	1	25	6	358	0	0	5	0	1.13	- .23	.62	17	.0	0		5	1	0
GRAND RAPIDS 1 N		69.7	37.6	53.7		91	1	21	26	356	1	0	9	0	1.39		.72	17	.0	0		4	1	0
HANKINSON R R STA		67.6	38.3	53.0	6.4	91	3	25	28+		1	0	10	0	.46	- .91	.20	22	T	0		4	0	0
HANNAH		64.4	35.5	50.0M	9.2	85	1	15	6	455	0	0	11	0	.84	- .23	.53	17	.0	0		3	1	0
HILLSBORO		66.7	40.2	53.5	8.3	86	1	24	6	363	0	0	8	0	1.57	.23	.74	16	.0	0		4	1	0
JAMESTOWN CAA AP	R //	67.0	37.5	52.3	7.6	91	1	22	26	393	1	0	6	0	.64	- .65	.45	16	T	0		5	0	0
JAMESTOWN STATE HOSP		68.0	39.9	54.0	9.3	91	1	22	24	345	1	0	6	0	.57	- .72	.37	17	.0	0		3	0	0
KENSAL WILDLIFE REF		69.4	37.7	53.6M		89	1	20	26	353	0	0		0	.74		.30	16	.0	0		4	0	0
LANGDON EXP FARM		65.3	37.5	51.4	10.5	85	1	19	26	415	0	0	9	0	1.20	.17	.78	17	.0	0		3	1	0
LARIMORE		65.7	39.7	52.7	8.6	90	1	22	6	381	1	0	7	0	.98	- .46	.42	17	.0	0		5	0	0
LISBON		70.0	38.5	54.3	9.6	89	1	20	24	345	0	0	12	0	.57	- .67	.35	16	.0	0		2	0	0
MAYVILLE		65.8	40.5	53.2	7.2	88	1	21	6	374	0	0	7	0	2.20	.94	1.04	22	.0	0		6	2	1
MC HENRY 5 N		65.4	39.0	52.2	8.9	89	1	21	26	394	0	0	7	0	.76	- .29	.45	17	.0	0		4	0	0
MC LEOD 3 E		69.0	39.0	54.0	7.5	90	2	22	24	359	1	0	7	0	.41	- .97	.14	16	.0	0		5	0	0
MUNICH 4 SW		62.6	35.2	48.9		84	1	15	6	492	0	0	13	0	.41		.16	25	.0	0		4	0	0
OAKES		67.9	37.0	52.5	6.5	89	2	23	26		0	0	12	0	.70	- .61	.25	22	.0	0		4	0	0
PARK RIVER		66.7	39.5	53.1	9.4	87	1+	24	6+	372	0	0	8	0	.96	- .22	.63	17	.0	0		5	1	0
PEMBINA 2 N		68.0	37.6	52.8	11.2	84	1+	16	6	375	0	0	10	0	.70	- .50	.42	17	.0	0		3	0	0
PETERSBURG		65.0	38.0	51.5		85	1	21	26	416	0	0	10	0	1.65	.48	.77	17	.0	0		6	1	0
SHARON		65.3	39.0	52.2	8.6	84	15	22	26	394	0	0	7	0	.85	- .44	.35	22	.0	0		4	0	0
VALLEY CITY		68.5	39.9	54.2	9.1	90	1	23	26	343	1	0	7	0	.34	- .98	.13	21	.0	0		4	0	0
WAHPETON STATE SCHOOL		70.0	41.2	55.6	8.6	93	2	23	31	321	1	0	6	0	.49	- .95	.25	25	.0	0		5	0	0
DIVISION				52.8	8.4										.88	- .40			T					
MIDDLE DIVISION																								
ASHLEY		69.2	38.4	53.8M	9.4	91	1	18	6	351	1	0		0	.66	- .40	.27	17+	.0	0		4	0	0
BELCOURT INDIAN RES		63.6	34.6	49.1		85	1	15	26	482	0	0	14	0	.37		.17	22+	.0	0		3	0	0
BISBEE		64.5	35.5	50.0M	6.2	87	1	18	26	458	0	0	10	0	.57	- .42	.30	17	.0	0		3	0	0
BISMARCK		68.0	39.0	53.5M	8.3	94	2	22	6		1	0	6	0	1.27	.36	.46	22	.0	0		7	0	0
BISMARCK WB AP	R //	67.2	37.0	52.1	6.4	95	1	20	6	401	1	0	9	0	1.03	.03	.40	21	.0	0		5	0	0
BOTTINEAU		63.7	36.2	50.0	8.6	87	2	18	26		0	0	12	0	.46	- .51	.17	25	.1	0		5	0	0
BUTTE		65.7	37.0	51.4	6.6	92	2	20	31		1	0	9	0	.79	- .18	.50	25	.0	0		5	1	0
CARSON NO. 2			37.0			94	2	21	26		1	0		0	1.19	.28	.75	22	.0	0		5	1	0
CENTER		68.2	34.5	51.4	6.1	94	1	18	6	420	1	0	13	0	1.55	.64	.74	22	.0	0		4	2	0
DRAKE		66.9	34.9	50.9M	7.8	91	2	21	6		1	0		0	1.11	.07	.57	25	.0	0		5	1	0
ECKMAN		65.6	30.8	48.2	6.0	90	2	18	6		1	0	20	0	.68	- .16	.38	22	.0	0		3	0	0
FESSENDEN		67.2	35.6	51.4	8.1	92	1	18	6	417	1	0	11	0	.85	- .21	.41	25	.0	0		5	0	0
FORT YATES		70.5	38.3	54.4M	7.7	94	1	19	6	338	1	0	5	0	1.02	.03	.31	21	T	0		4	0	0
FOXHOLM 7 N		69.4	36.2	52.8	9.9	92	1	18	6	369	1	0	12	0	.91	.03	.59	21	.0	0		2	1	0
GARRISON		66.3	34.6	50.5	7.3	95	2	22	26		1	0	14	0	.94	.08	.64	22	.0	0		3	1	0
GRANVILLE		68.2	36.8	52.5M	8.9	93	1	20	6	384	1	0	11	0	.80	- .04	.40	25	.0	0		3	0	0
HANSBORO		64.4	35.9	50.2M	8.9			17	6	452	0	0		0	.25	- .79	.14	25	.0	0		3	0	0
LEEDS		65.5	36.2	50.9		89	1	14	6	429	0	0	12	0	.61		.36	22	T	0		4	0	0
LINTON		68.7	37.9	53.3	7.8	91	1	18	6+	365	1	0	10	0	.79	- .25	.24	25	.0	0		4	0	0
MADDOCK AGR SCHOOL		65.7	37.1	51.4	7.9	88	1	18	6	414	0	0	10	0	.77	- .21	.32	25	.0	0		6	0	0
MANDAN EXP STATION		67.4	38.4	52.9	8.2	94	2	21	6		1	0	7	0	1.69	.79	.76	22	.0	0		5	2	0
MANDAN FT LINCOLN PARK		69.7	36.9	53.3		96	1	19	6	364	1	0	6	0	1.28		.48	25	.0	0		4	0	0
MAX		65.7	35.9	50.8	7.9	92	2	21	26+		1	0	12	0	1.08	.28	.52	22	T	0		3	1	0
MC CLUSKY		66.4				93	1	21	6		1	0		0	.83	- .16	.30	25	.0	0		5	0	0
MINOT CAA AP		64.7	37.6	51.2	7.4	92	1	23	6+	421	1	0	7	0	.96	.05	.52	21	T	0		3	1	0
MINOT EXPERIMENT STA		65.7	37.5	51.6		91	1	22	26	408	1	0	9	0	.81		.39	21	.0	0		4	0	0
MOFFIT 4 SE		69.1	37.2	53.2M		90	1	12	6	378	1	0	11	0	1.58		.71	25	T	0		5	1	0
MOHALL		66.6	35.1	50.9	8.7	90	1	19	6	432	1	0	13	0	1.51	.48	.78	21	.0	0		4	2	0
NAPOLEON 1 SE		67.1	37.8	52.5	8.4	90	1	14	6	391	1	0	9	0	.80	- .29	.26	21	.0	0		5	0	0
NEW SALEM 1 S		67.1	37.2	52.2	7.1	95	1	20	6	398	1	0	8	0	1.06	.21	.58	21	.0	0		3	1	0
PETTIBONE		67.4	38.7	53.1	10.5	90	1	20	26	372	1	0	5	0	.63	- .36	.41	25	.0	0		3	0	0
RIVERDALE		65.8	37.4	51.6		95	2	22	6		1	0	8	0	1.50		.95	22	.0	0		4	1	0
ROLLA		63.6	36.6	50.1	7.6	85	1	17	6	458	0	0	8	0	.37	- .60	.16	25	.0	0		4	0	0
RUGBY		67.3	36.9	52.1		88	1	20	6	400	0	0	12	0	.51	- .38	.28	25	.0	0		3	0	0
SAN HAVEN		64.3	38.8	51.6	10.0	85	1	20	26	409	0	0	7	0	.48	- .38	.26	22	T	0		3	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 · CONTINUED

Station	Temperature														Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
STEELE	67.6	38.7	53.2	9.1	90	1	19	6	367	1	0	8	0	1.20	.08	.56	25	.0	0		4	1	0
TOWNER	66.6	36.0	51.3M	7.8	91	1	18	6	422	1	0	11	0	.66	- .23	.27	25	.0	0		3	0	0
TURTLE LAKE	67.4	38.4	52.9	8.8	93	1	21	6	372	1	0	7	0	1.03	.19	.47	25	.0	0		5	0	0
UNDERWOOD	65.8	34.7	50.3	5.3	94	2	22	6		1	0	12	0	1.76	.93	.82	22	.0	0		4	1	0
UPHAM 3 N	67.7	34.3	51.0M		90	1	18	6	431	1	0		0	.42		.22	25	T	0		3	0	0
VELVA	66.4	37.5	52.0	7.7	91	1	20	6	400	1	0	9	0	.92	- .03	.38	25	.0	0		3	0	0
WASHBURN	68.8	38.5	53.7M	8.7	93	1	23	6+	360	1	0	5	0	1.64	.72	.59	25	.0	0		7	2	0
WESTHOPE	64.2	33.2	48.7	6.1	89	1	19	26	497	0	0	17	0	.95	.15	.48	22	.0	0		4	0	0
WILLOW CITY	66.4	32.0	49.2M	7.7	90	1	13	6	485	1	0		0	.25	- .54	.20	25	.0	0		3	0	0
WILTON R R STATION	66.5	35.7	51.1M	6.2	92	2	20	26		1	0		0	1.69	.74	.61	23	.0	0		4	2	0
WISHEK					90	1				1	0		0					.0	0				
DIVISION			51.6	7.9										.95	- .03			T					
WESTERN DIVISION																							
ALMONT 7 SW	68.7	39.5	54.1		95	1	24	6	341	1	0	6	0	.92		.56	21	.0	0		3	1	0
AMIDON	66.8	37.8	52.3	7.3	87	2	24	26		0	0	8	0	.70	- .27	.48	22	.4	0		4	0	0
BEACH	67.5	34.8	51.2	6.7	93	2	24	26		1	0	8	0	1.69	.79	1.25	22	.0	0		6	1	1
BELFIELD	67.8	33.8	50.8	5.1	94	1	21	26	439	1	0	13	0	2.56	1.59	1.30	21	.0	0		3	2	2
BOWBELLS	64.4	33.2	48.8M	7.0	83	16	21	26		0	0		0	2.00	1.15	1.72	22	.0	0		3	1	1
BOWMAN COURT HOUSE	68.9	35.9	52.4	7.6	93	1	21	26	386	1	0	8	0	.64	- .24	.38	21	T	0		4	0	0
CROSBY	65.7	35.1	50.4	8.2	88	1	23	26	445	0	0	12	0	1.83	1.00	.95	22	.0	0		3	2	0
DICKINSON CAA AP R //	66.6	37.2	51.9	8.1	94	1	23	26	405	1	0	8	0	1.63	.72	1.09	21	T	0		4	1	1
DICKINSON EXP STA	67.8	34.3	51.1	7.3	93	2	20	26		1	0	12	0	1.93	1.02	1.46	22	.0	0		5	1	1
DUNN CENTER	67.6	29.6	48.6	6.5	96	2	20	26		1	0	26	0	1.33	.50	.45	23	T	0		5	0	0
ELBOWOODS	70.5	35.0	52.8M	8.0	90	1	18	26	371	1	0		0	1.15	.35	.57	22	.0	0		3	2	0
EPPING	68.0	35.8	51.9	9.8	95	1	20	26	404	1	0	9	0	1.66	.89	.92	22	T	0		2	2	0
GRENORA	67.7	34.7	51.2	9.1	92	1	22	26	421	1	0	11	0	1.52	.73	1.06	22	.0	0		2	1	1
HETTINGER	67.6	36.8	52.2	6.1	93	1	21	26	399	1	0	7	0	1.27	.56	1.15	21	.0	0		2	1	1
KENMARE	65.5	34.3	49.9	6.4	91	2	24	26		1	0	14	0	1.78	.82	1.25	22	.0	0		4	1	1
LOSTWOOD 12 N							18	26						2.51		1.96	22	.0	0		2	2	1
MARMARTH	68.3	34.1	51.2M	5.2	92	1			434	1	0		0	1.06	.27	.55	22	.0	0		5	1	0
MEDORA 4 NNE	69.9	31.6	50.8		95	1	19	26	434	1	0	20	0	1.64		1.18	22	.0	0		3	1	1
MOTT	68.5	33.0	50.8	6.4	95	1	17	26	441	1	0	20	0	.92	.09	.58	21	.0	0		4	1	0
NEW ENGLAND	67.9	34.8	51.4	7.3	94	1	20	26	418	1	0	10	0	1.13	.34	.55	21	.0	0		4	2	0
NEWTOWN	67.6	36.4	52.0	7.8	95	1	22	26	400	1	0	9	0	.86	.09	.54	21	.0	0		3	1	0
PARSHALL	67.5	33.5	50.5	6.1	96	1	19	26	443	1	0	14	0	1.30	.55	.63	21+	.0	0		3	2	0
PORTAL	65.8	34.4	50.1M	8.6	91	2	21	26		1	0	14	0	1.82	.98			T	T	21	3		
POWERS LAKE 1 N	65.7	32.5	49.1M	4.6	92	1	19	26	479	1	0	17	0	1.95	.90	1.25	22	.0	0		2	2	1
RICHARDTON ABBEY	68.5	39.2	53.9	9.3	95	1	24	26	350	1	0	5	0	1.10	.31	.61	22	T	0		4	1	0
STANLEY	64.8	35.1	50.0M		92	1	24	6+	466	1	0	14	0	1.70	.86	.93	21	.0	0		2	2	0
WATFORD CITY	67.9	37.0	52.5	8.3	96	1	25	26	388	1	0	8	0	1.26	.39	.74	22	.0	0		2	2	0
WATFORD CITY 14 S	73.2	36.2	54.7M		97	1	21	26	322	1	0	11	0	1.37		.96	22	.0	0		2	1	0
WILLISTON WB CITY R //	66.3	38.2	52.3	6.8	91	1	27	26	391	1	0	3	0	1.67	.90	.93	21	T	T	26	2	2	0
DIVISION			51.4	7.4										1.48	.64			T					
STATE			51.9	7.9										1.10	.06			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	1.23																.60	.23								.40						
ALEXANDER	1.30																					.70	.60				T					
ALMONT 7 SW	.92																T					.56	.24			.12	T	T			T	
AMBROSE	1.90																					.30	1.60									
AMENIA	1.01																.25	.33				.03	.12	.01		.27						
AMIDON	.70																T	T				.11	.48	.07			T	.04				
ARVILLA STATE PARK	1.29																.23	.77					.09	.07		.13						
ASHLEY	.66																.05	.27						.07		.27						
BALTA	.66																.09	.05				T	.20		.16	.16						
BANTRY	.48																	.10					.08			.30						
BEACH	1.69																	T				.12	1.25	.20		.05		.05			.02	
BELCOURT INDIAN RES	.37																	.03				T	.17			.17						
BELFIELD	2.56																				T	1.30	1.18		T	T	.08				T	
BERTHOLD	1.24																					.60	.64									
BEULAH	1.02																					.87	.15									
BISBEE	.57																	.30					.06			.21						
BISMARCK	1.27																	.01				.01	.46	.37	.01	.37	.04					
BISMARCK WB AIRPORT R//	1.03																T	.01			T	.40	.22		.13	.27	T				T	
BISMARCK 12 ENE	.78																	.01				.06	.21		.12	.38	T					
BOTTINEAU	.46																	.06	.11			T	.10	T		.17		.02				T
BOWBELLS	2.00																					.26	1.72									.02
BOWMAN COURT HOUSE	.64																.01					.38	.20			.05	T					
BOWMAN 11 SE	.52																.01					.33	.16				.02					
BOWMAN 30 NNW	.61																					.05	.56									
BURT 16 N	.84																					.36	.39			.09						
BUTTE	.79																	.02				.01	.11	.15		.50						
CARRINGTON	.59																	.11	.04			T		.12		.14	.18					
CARSON NO 2	1.19																		T			.19	.75	.22		.02	.01					
CAVALIER	1.11					T											.02	.75		.01			.17			.16						
CENTER	1.55																					.55	.74		.02	.24						
COLGATE	1.17																.46	.44				.04	.02			.21						
COLUMBUS	2.68																					.65	1.98									.05
COOPERSTOWN	1.65																.66	.65					.12	.05		.17						
COURTENAY	.92																.10	.64				.02	T			.16						
CROSBY	1.83																					.86	.95		T	T					T	.02
DEVILS LAKE WB CITY R	.59					T											.10	.09				T	.22		T	.18					T	
DICKINSON CAA AP R//	1.63																T				.20	1.09	.30		T	T	.04				T	
DICKINSON EXP STA	1.93																	T				.17	1.46	.25		T		.03			.02	
DONNYBROOK	1.57																				.40	.65	.52	T								
DRAKE	1.11																	.20				.04		.28		.57		.02				
DUNN CENTER	1.33																	.02				.36	.44	.45				.06				
ECKMAN	.68																					T	.38	.15		.15						
EDGELEY EXP FARM	.78																	.42					T	.04		.30	.02					
EDMORE 1 W	.71																T	.37					.12			.22					T	
ELBOWOODS	1.15																T	.03				.55	.57									
ELGIN 5 S	.73																	T				.52	.16		.05	T	T	T				
ELLENDALE	.71			.03													.10	.02				.02	.29	T		.25						
ENDERLIN	.58																	.31					.05	.02		.20						
EPPING	1.66																					.74	.92				T					
FAIRFIELD	2.02																					1.40	.57			T	.05				T	
FARGO WB AIRPORT R//	.32			T													.03	.02				.02	T	T	.01	.24		T				
FESSENDEN	.85																.09	.11					.22		.02	.41						
FLASHER	1.49																						.87	.23		.39						
FLAXTON	1.89																					.67	1.22					T				T
FORBES 13 NW	.79				T												.14	.40				.07	.18									
FORMAN	.78																.45				T	T				.33						
FORT YATES	1.02																					.31	.15		.26	.30		T				
FOXHOLM 7 N	.91																					.59	.32								T	
FULLERTON	.73			.03													.05	.17				.03	.24		T	.21						
GACKLE	.41																.04	.08					.10			.19						
GARRISON	.94																					T	.64	.15		.15	T					
GLEN ULLIN 13 N	1.19																					.55	.64									
GOLDEN VALLEY 10S	1.19																					.60	.45	T			T	.14				
GRAFTON STATE SCHOOL	1.29																	1.10	.02				.03	.03		.11						
GRAND FORKS CAA AP R	1.20																.51	.44				T	.09	T		.16					T	
GRAND FORKS UNIV	1.13																.21	.62				T	.04	.03		.23					T	
GRAND RAPIDS 1 N	1.39																.15	.72					.35		T	.17						
GRANVILLE	.80																T	T				.20	.20			.40		T				
GRASSY BUTTE 10N	1.26																					.26	1.00									
GRENORA	1.52																					.46	1.06									
HALLIDAY	1.02																					.46	.56									
HANKINSON R R STA	.46			T														.07					.20	.04		.15						
HANNAH	.84																T	.53					.15			.16						
HANSBORO	.25																	.06					.05			.14						
HARVEY 3 NE	.77																	.14	.02			T	.24		.02	.35		T				
HETTINGER	1.27																					1.15	.12			T	T					
HILLSBORO	1.57																.74	.29				T	.08	T		.46						
JAMESTOWN CAA AP R//	.64																.45	.05				T	.01		.01	.12		T			T	
JAMESTOWN STATE HOSP	.57																.13	.37					T			.07						
KEENE 2 S	1.20																					.38	.80	.02								
KENMARE	1.78																	.04				.33	1.25	.16								T
KENSAL WILDLIFE REF	.74																.30	.10					.12			.22						
KILLDEER 8 NW	1.46																					.53	.93									
KULM	.71																T	.22								.49						
LANGDON EXP FARM	1.20																	.78					.20			.22						
LANSFORD	.80																T					.50	.25			.05					T	T
LARIMORE	.98																.22	.42					.19	.04		.11						
LEEDS	.61																.02	.03					.36			.20					T	
LEFOR 10 E	1.60																T					.85	.68			T	.07					
LINTON	.79																T	T				.20	.12		.23	.24					T	
LISBON	.57																.35					T				.22						
LITCHVILLE	.82																.16	.43					.08	T		.15						
LOSTWOOD 12 N	2.51																					.55	1.96									
MADDOCK AGR SCHOOL	.77																.21	.07				.01	.15			.32		.01			T	
MANDAN EXP STATION	1.69																	T				.04	.76	.3		.55	.02					
MANDAN FT LINCOLN PARK	1.28																					.45	.30		.05	.48						
MARMARTH	1.06																.01					.40	.55			.09	.01					
MARTIN	-												.12										.50			-						
MAX	1.08																					T	.52	.32		.24						
MAYVILLE	2.20																.63	.30				.02	1.04	.04		.17						
MC CLUSKY	.83																	.09				.02	.28		.14	.30						
MC HENRY 5 N	.76																.07	.45					.10			.14					T	
MC LEOD 3 E	.41																.14	.07				.05	.04			.11						
MC VILLE	1.55																.60	.64					.16			.15						
MEDINA 1 W	.26																.07								.08	.11						
MEDORA 4 NNE	1.64																		T	T		.44	1.18				.02					
MEDORA 23 NNW	1.46																T					.18	1.28									
MINOT CAA AP	.96																	T			T	.52	.36		T	.08		T				T
MINOT EXPERIMENT STATION	.81																	.02				.39	.31			.09						
MOFFIT 4 SE	1.58																T	.41				.01	.34		.11	.71						
MOHALL	1.52																.02					.78	.69			T		.03			T	
MONTPELIER	.85																.23	.41					.06		T	.14		.01			T	
MOTT	.92																				.10	.58	.16			.08	T				T	
MUNICH 4 SW	.41					T												.08	.02				.15			.16						
NAPOLEON 1 SE	.80																.06					.26	.11	T	.19	.18					T	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.13																					.55	.52	.03		.03	T					
NEW ROCKFORD 7 WNW	.92																.10	.28					.19			.35					T	
NEW SALEM 1 S	1.06																T					.58	.30			.18						
NEWTOWN	.86																T					.54	.30					.02				
NOONAN	2.18																					.88	1.30									
NORTONVILLE	.41																.24									.17						
OAKES	.70																	.23					.25	T	.10	.12						
PARK RIVER	.96																	.63	.06				.12	.03		.12						
PARSHALL	1.30																.04					.63	.63									
PEMBINA 2 N	.70																	.42					.14			.14						
PETERSBURG	1.65																.27	.77					.33	.15		.11					.02	
PETTIBONE	.63																T	.11					.11			.41						
PINGREE	.92																	.50					.05			.36					.01	
PORTAL	1.82																					*	1.80	.02								T
POWERS LAKE 1 N	1.95																					.70	1.25									T
PRETTY ROCK	.83																		T			.51	.15		T	.17						
REEDER	.98																					.75	.15			.08						
REEDER 14 N	.80																					.13	.52	.15		T						
RICHARDTON ABBEY	1.10																T					.46	.61		T	.02	.01					
RIVERDALE	1.50																	T					.95	.32		.22	T				.01	
ROLLA	.37																T	.07				.03	.11			.16						
RUGBY	.51																		.10			T	.13			.28						
RYDER	.79																					*	.79									
SAN HAVEN	.48																	T	.02			T	.26			.20						
SCRANTON	.71																T					.58	.10				.03					
SELFRIDGE 11 W	1.83																	T				.66	.33			.84		T				
SENTINEL BUTTE 20 S	1.02																					.22	.80				T					
SHARON	.85																.20	.10					.35			.20						
SHERWOOD 3 N	1.56																T					.80	.71		T							.05
SHIELDS	1.47																T					.80	.16		.05	.46						
STANLEY	1.70																	T				.93	.77								T	
STEELE	1.20																.03	.35					.26		T	.56	T					
SYKESTON	1.05																	.37					.37			.31						
TAGUS	1.77																.05					.96	.76			T						
TIOGA	1.05																					.55	.50									
TOLLEY 5 NNE	2.12																	T				1.05	1.07									
TOWNER	.66																.17					.22				.27						
TROTTERS 6 WNW	1.02																T					.17	.85									
TURTLE LAKE	1.03																					.25	.20		.06	.47					.05	
TUTTLE	.67																T	.07				.03	.07			.50						
UNDERWOOD	1.76																						.82	.40		.44	.10				T	
UPHAM 3 N	.42																	T				.15	.05			.22						T
VALLEY CITY	.34																.09	T				.13	.02			.10						
VELVA	.92																	T				.28	.26			.38						
VERONA	.65																.34					.11	.03	.03		.14						
WAHPETON STATE SCHOOL	.49																.04	T				.06	.10	.04		.25						
WALHALLA	.97																	.57					.15			.25						
WARWICK	-																.41						.12			-						
WASHBURN	1.64																.03	.01				.44	.51		.05	.59					.01	
WAUTAUGA S DAK 8 N	1.46																					.53			.83		.10	T				
WATFORD CITY	1.26																					.52	.74				T					
WATFORD CITY 14 S	1.37																					.41	.96				T	T				
WESTHOPE	.95																T	.05				.34	.48			.08						
WILDROSE	2.30																					.51	1.74								.03	.02
WILLISTON WB CITY R//	1.67				T																	.93	.74		T		T	T			T	
WILLOW CITY	.25																T	.02				.03				.20						
WILTON RR STATION	1.69																	.17					.31	.61		.60						
WISHEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		T	.06	T	.14						
WOODWORTH 5 E	.45																	.15					T			.30						
ZAHL	2.00																					.73	1.22	T		T	T					.05

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. ' Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 12-9-53 -- 900

Table 5

DAILY TEMPERATURES

NORTH OAKOTA
OCTOBER 1953

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	95	73	69	75	63	63	74	74	84	79	75	75	78	75	80	65	73	78	83	76	65	54	54	48	46	42	62	70	71	52	58	68.7
	MIN	57	41	32	39	40	24	38	38	46	40	44	44	37	35	49	52	48	40	48	42	53	41	27	32	35	25	33	37	42	34	31	39.5
AMENIA	MAX	91	83	66	73	69	53	68	65	75	74	75	75	75	71	84	80	71	78	81	84	79	63	52	51	46	43	47	62	70	55	47	67.9
	MIN	50	56	51	38	45	24	38	39	30	45	38	42	42	47	32	47	57	45	41	53	60	41	41	24	33	26	33	28	35	30	28	40.0
AMIDON	MAX	78	87	65	65	67	62	63	69	75	79	83	82	69	79	77	77	70	73	77	78	72	50	48	50	49	43	45	60	67	68	45	66.8
	MIN	51	43	29	41	34	29	38	40	39	43	39	42	39	37	47	45	42	46	39	41	48	36	26	28	31	24	31	37	39	37	31	37.8
ARVILLA STATE PARK	MAX	86	80	65	70	56	51	68	63	74	72	69	72	75	67	82	80	67	76	77	79	78	69	52	53	47	42	48	60	63	52	44	65.7
	MIN	36	48	46	40			34	36	30	42	30	34		44	32	42	55	43	39	54	59	46	37	24	36	25	27	22	37	30	26	37.6
ASHLEY	MAX	91	84	65	71	59	52	74	66	81	77	68	79	80	79	82	70	70	78	78	79	66	66	50			54	50	56	68	72	43	69.2
	MIN	49	48	43	35	38	18	33	34	32		43	49	33	38	48	48	44	52	52	54		39	34			21	32	31	38	28	24	38.4
8EACH	MAX	77	93	63	64	67	64	68	70	76	80	85	83	69	80	76	79	68	74	77	74	71	52	48	52	53	44	46	62	68	68	40	67.5
	MIN	39	43	29	30	34	33	33	32	33	39	47	40	33	34	36	45	41	36	39	33	34	39	25	26	31	24	28	35	36	39	33	34.8
8ELCOURT INOIAN RES	MAX	85	72	64	68	53	49	68	64	76	75	69	64	72	67	81	75	61	73	77	74	71	63	55	52	45	38	61	60	60	38	43	63.6
	MIN	42	47	32	32	32	18	26	30	34	40	40	43	33	43	42	38	49	33	48	43	50	40	32	17	30	15	29	27	35	27	25	34.6
8ELFIELO	MAX	94	76	64	66	64	63	69	74	79	84	80	70	74	70	76	72	73	77	78	76	64	56	54	53	45	41	62	68	69	48	62	67.8
	MIN	44	42	32	32	34	30	34	30	36	34	33	35	31	32	32	38	40	32	33	40	39	37	26	25	33	21	32	36	38	34	32	33.8
8IS8EE	MAX	87		73	67	58	51	67	61	75	73	70	66	73	66	82	76	61	73	78	74	73	65	54	54	52	42	53	61	60	46	45	64.5
	MIN	40		37	37	36	19	24	34	33	39	31	44	35	43	34	44	51	39	44	44	54	43	34	29	25	18	30	30	39	29	27	35.5
8ISMARCK	MAX	76	94	69	71	71	58	56	73	70	84	81	80	70	78	74	82	67	73	80	84	76	67	50	50	46	45	44	60	67	72	41	68.0
	MIN	49	51	39	39	39	22	36	38	43	42	42	42	36	39	46	47	51		38	43	48	43	32	32	37	23	29	37	42	36	29	39.0
8ISMARCK W8 AIRPORT	MAX	95	72	66	70	59	56	74	70	84	76	80	70	78	73	83	68	73	80	84	75	68	50	55	45	47	44	59	68	71	41	49	67.2
	MIN	56	49	39	36	28	20	31	36	40	37	44	40	35	37	41	52	46	36	39	42	48	37	30	30	30	23	36	33	37	30	30	37.0
8OTTINEAU	MAX	64	87	65	65	68	48	52	68	67	76	74	72	64	75	67	81	76	58	74	76	72	67	50	53	52	47	38	53	62	64	40	63.7
	MIN	35	51	33	33	41	23	29	31	40	36	49	48	32	35	42	47	53	37	43	42	44	45	33	28	32	18	23	29	32	31	26	36.2
8OW8ELLS	MAX	65	81	65	65	68	53	56	70	70	76		71		78	69	83	66	70	77	71	73	58	52		51	41	43	60	69	64	39	64.4
	MIN	30	37	27	34	36	25	28	29	30	38	36	39		31	34	41	43	38	41	38	38	40	28		28	21	28	33	34	29	29	33.2
8OWMAN COURT HOUSE	MAX	93	82	64	64	64	64	71	71	80	83	86	79	80	78	77	76	74	78	79	75	65	47	50	49	43	42	60	68	68	62	64	68.9
	MIN	48	43	28	34	33	27	34	34	41	40	39	41	37	36	42	46	42	40	40	42	40	35	25	29	30	21	30	35	38	35	29	35.9
8UTTE	MAX	70	92	66	65	68	50	56	70	65	81	76	77	70	75	67	82	75	66	79	81	75	66	48	55	48	45	44	56	65	65	39	65.7
	MIN	34	42	36	39	44	22	26	35	35	42	42	42	36	37	37	45	50	52	48	47	50	47	31	31	34	22	24	30	37	30	20	37.0
CARRINGTON	MAX	70	90	72	70	71	50	50	70	64	80	80	73	72	75	67	83	75	71	79	82	80	75	55	55	53	45	40	55	64	65	41	66.8
	MIN	35	45	40	37	40	25	30	30	31	40	40	40	40	38	36	42	45	46	47	47	49	41	32	23	30	22	22	30	30	25	27	35.6
CARSON NO 2	MAX	76	94	70	70	68	60	56	73										77	79	82	75	60	48	49	47	45	44	59	60			
	MIN	36	50	33	38	35	25	34	34		44	48	38	39	38	38	54	45	44	43	41	45	40	28	31	32	21	31	34	33	29	29	37.0
CAVALIER	MAX	84	74	67	63	52	51	67	63	75	71	67	72	74	66	82	80	68	72	73	74	77	71	53	54	45	42	49	63	61	45	42	64.4
	MIN	39	52	46	36	40	23	34	37	32	45	39	39	44	45	38	45	57	48	42	51	56	45	38	28	38	25	25	32	37	30	27	39.1
CENTER	MAX	94	76	65	69	64	56	71	70	81	77	79	79	78	72	86	67	71	78	83	76	68	54	58	46	45	48	60	70	70	47	57	68.2
	MIN	45	47	32	32	37	18	25	33	38	33	40	34	38	33	36	47	47	32	31	39	32	42	30	24	34	26	30	32	35	32	36	34.5
COOPERSTOWN	MAX	90	86	65	70	58	53	68	67	77	70	72		73	70	84	80	68	76	80	78	76	66	52	52	47	42	49	61	66	54	45	66.5
	MIN	47	53	45	35	42	27	32	35	35	40	37	45		37	41	48	52	44	51	53	58	40	38	26	39	23	34	32	39	29	27	39.5
CROS8Y	MAX	88	66	63	69	57	62	72	72	77	78	75	67	76	72	83	67	72	78	78	70	59	51	53	49	47	42	61	64	61	53	56	65.7
	MIN	40	41	29	34	38	29	36	29	44	38	37	42	31	32	41	40	42	40	39	33	43	39	29	27	32	23	31	34	35	31	29	35.1
OEVILS LAKE W 8 CITY	MAX	88	70	64	66	46	52	67	62	79	73	71	72	74	68	84	76	66	76	79	77	75	59	52	53	44	37	53	62	63	38	45	64.2
	MIN	47	48	38	43	26	21	34	34	39	43	41	45	40	41	42	49	51	46	52	51	57	40	37	30	29	23	34	31	33	29	28	38.8
OICKINSON CAA AP	MAX	94	66	64	69	62	61	70	74	79	81	77	70	79	75	78	64	72	78	81	73	58	48	51	51	44	41	59	68	68	48	61	66.6
	MIN	48	40	32	38	33	29	38	37	44	42	40	36	37	35	47	47	43	42	42	41	44	32	29	30	26	23	33	39	40	35	32	37.2
OICKINSON EXP STATION	MAX	74	93	73	66	68	63	63	71	74	80	83	77	71	80	75	80	63	72	79	83	73	60	50	53	53	47	41	60	70	64	43	67.8
	MIN	44	44	29	32	38	29	34	29	34	34	39	33	29	32	35	47	42	32	39	34	44	40	25	29	35	20	26	33	37	34	30	34.3
ORAKE	MAX	69	91	67		69	50	55	69	65	80	78	76	71	75	68	83	77	75	78	81	77	69	47	56	50		41	57	66	62	39	66.9
	MIN	36	44	32		33	21	23	31	33	39	37	40	35	35	35	49	49	41	43	44	46	45	28	27		22	22	30	32	30	30	34.9
OUNN CENTER	MAX	74	96	67	65	70	61	61	72	73	84	81	75	71	79	74	81	67	71	78	80	74	60	50	53	52	47	39	60	69	68	45	67.6
	MIN	24	33	29	26	32	22	24	28	28	32	32	31	29	28	28	34	40	32	29	30	40	43	25	24	32	20	23	29	30	32	29	29.6
ECKMAN	MAX	65	90	68	67	68	50	56	72	67	81	75	71	63	77	68	85	75	69	76	76	71	61	51	50	51	47	42	57	68	67	50	65.6
	MIN	29	44	28	32	38	18	20	25	26	32	43	39	28	31	31	36	34	33	34	37	38	46	25	25	30	19	22	28	29	27	29	30.8
EOGELEY EXP FARM	MAX	75	92	75	66	74	56	54	74	66	80	75	76	80	80	72	83	74	72	79	82	79	73	53	54	49	44	46	55	62	73	40	68.2
	MIN	44	53	48	36	44	31	31	35	34	42	36	39	38	45	39	41	46	46	45	51	53	37	36	24	27	23	35	35	36	28	28	38.3
EOMORE 1 W	MAX	87	74	65	67	54	51	65	64	78	75	76	71	73	69	83	78	63	75	76	77	75	70	59	52	48	40	50	62	63	49	44	65.6
	MIN	42	48	34	31	37	17	31	30	31	33	35	43	32	39	34	44	52	41	56	46	56	40	36	25	37	18	29	27	39	27	25	36.0
EL8OWOOOS	MAX	90	75	67	70	67	60	72	72	83	80	79	71	80	71	84	77	71	80	81	78	69	58	55	54		49	60	70	68	59	64	70.5
	MIN	40	44	20	26	35	28	26	39	39	33	42	34	37	31	39	49	40	32	38	41	51	43	26	26		18	28	36	41	38	31	35.0
ELLENOALE	MAX	91	85	73	73	67	54	75	67	78	78	78	79	80	75	84	74	76	80	84	80	74	63	55	47	46	49	54	65	76	62	48	70.0
	MIN	55	59	48	32	39	31	37	40	33	43	38	45	43	46	40	47	46	41	50	49	58	39	38	25	40	22	36	32	31	30	27	40.0
ENOERLIN	MAX	71	89	86	66	72	53	53	69	65	70	75	75	79	74	72	84	77	78	80	82	83	79	54	54	53	47	43	49	61	69	40	67.8
	MIN	35	51	50	35	40	24	27	33	31	34	34	44	46	47	34	38	49	44	45	48	51	40	40	22	23	22	24	29	29	30	25	36.3
EPPING	MAX	95	72	64	68	65	65	73	75	80	82	73	74	78	73	83	74	71	80	72	74	59	51	55	54	48	42	63	68	65	51	61	68.0
	MIN	43	36	28	37	35	28	32	28	44	42	43	40	37	35	44	50	36	41	42	34	45	39	25	29	33	20	30	33	38	33	29	35.8
FARGO W8 AIRPORT	MAX	90	88	65	72	51	52	68	64	71	72	73	72	74	70	83	78	72	79	83	82	81	62	50	51	47	41	46	60	68	43	47	66.3
	MIN	55	56	40	37	37	24	39	39	34	43	36	51	48	44	38	55	51	43	53	59	62	43	31	27	33	27	34	30	38	29	26	40.7
FESSENOEN	MAX	92	77	65	71	58	53	69	66	81	76	75	73	75	69	84	75	71	78	83	78	77	61	55	52	46	40	57	64	62	53	48	67.2
	MIN	45	51	35	36	40	18	31	28	36	38	37	42	33	33	40	45	45	39	44	43	42	43	29	27	28	19	32	29	41	28	27	35.6
FORMAN	MAX	89	86	71	72	60	55	68	66	75	75	71	80	79	73	83	77	74	79	84	78	73	54	54	54	49	45	51	62	68	59	51	68.2
	MIN	49	67	41	32	37	26	37	36	33	40	39	46	48	40	42	53	52					40	40	21	39	22	35	27	36	30	26	38.3
FORT YATES	MAX	94		66	74	71	57	77	71	86	80	81	78	81	80	81	76	76	81	84	79	70	56	57	52	47	47	59	67	75	66	46	70.5
	MIN	57	49	39	39	42	19	36	38	38	37	45	40	34	39	41	52	44	36	37	41	54	43	31	27	35	21	37	35	39	34	29	38.3
FOXHOLM 7 N	MAX	92	80	74	68	62	58	68	68	78	76	79	78	78	76	84	80	68	80	79	75	71	61	56	57	54	45	58	69	66	59	55	69.4
	MIN	34	41	38	30	42	18	32	31	44	45	48	35	30	36	41	41	39	41	36	44	50	42	32	34	27	25	29	31	45	31	30	36.2
FULLERTON	MAX	91	81	68	76	73	55	75	66	78	76	77	79	79	74	84	79	74	81	84	82	76	63	54	49	46	42	56	62	74	62	49	69.8
	MIN	49	56	48	32	32	27	35	40	32	44	40	46	42	46	37	47	48	47	50	48	57	39	37	24	41	21	36	34	34	30	28	39.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		Day Of Month																															
GACKLE	MAX	89	79	64	71	68	53	63	65	81	75	74	75	78	73	84	73	72	83	81	80	72	61	51	49	48	42	55	65	73	53	53	67.8
	MIN	53	47	43	37	39	30	37	35	39	39	40	46	38	41	46	51	49	51	54	53	53	48	32	26	36	21	30	32	41	34	28	40.3
GARRISON	MAX	71	95	68	65	70	55	55	72	69	82	76	77	73	77	70	81	68	69	78	80	72	63	51	53	44	45	47	60	67	67	40	66.3
	MIN	34	44	32	32	40	23	23	30	32	43	38	41	31	33	38	42	49	39	38	42	41	45	28	28	31	22	25	33	32	34	31	34.6
GRAFTON STATE SCHOOL	MAX	86	85	69	64	60	50	66	66	73	73	69	71	75	73	81	80	76	71	75	75	77	75	53	52	46	45	46	62	62	52	42	66.1
	MIN	45	52	48	37	42	20	35	38	33	40	34	40	42	47	36	48	56	45	45	52	58	45	39	28	38	25	29	28	38	30	26	39.3
GRAND FORKS CAA AP	MAX	87	72	65	71	48	54	66	63	71	70	71	71	75	67	81	80	67	73	78	78	78	63	51	49	45	41	46	60	63	41	44	64.2
	MIN	51	52	43	39	33	23	38	36	34	39	35	46	40	41	35	50	52	47	49	57	62	44	33	27	31	25	33	30	35	28	27	39.2
GRAND FORKS UNIVERSITY	MAX	86	78	65	71	55	51	65	63	71	70	70	71	75	67	82	81	66	72	79	79	78	68	56	59	45	42	45	62	64	48	44	65.4
	MIN	50	53	50	39	44	25	39	37	37	39	37	47	42	47	37	52	56	46	51	58	62	45	42	29	38	26	35	38	40	32	31	42.1
GRAND RAPIDS 1N	MAX	91	86	68	74	68	55	74	66	77	76	78	77	79	74	85	76	73	81	83	81	77	64	54	53	46	46	55	65	76	54	49	69.7
	MIN	49	49	48	30	36	26	34	33	29	39	32	47	33	39	36	43	51	40	47	50	58	38	37	23	40	21	36	31	35	29	27	37.6
GRANVILLE	MAX	93		63	69	58	59	72	64	83	79	79	69	79	79	86	73	67	82	84	77	64	60	58	61	47	43	59	71	67	52	48	68.2
	MIN	43	43	32	35	43	20	29	30	43	35	42	42	32	36	40	44	51	35	40	40	52	43	29	30	36	22	34	32	47	32	30	36.8
GRENORA	MAX	92	70	67	69	65	66	73	74	77	72	74	72	73	75	82	76	67	73	78	75	65	50	54	52	49	45	64	67	61	60	61	67.7
	MIN	40	37	29	36	33	30	34	32	41	38	39	38	32	33	32	46	35	40	40	33	44	39	27	31	30	22	30	34	39	33	30	34.7
HANKINSON R R STATION	MAX	72	88	91	65	70	55	53	68	64	74	72	74	76	72	72	85	79	77	82	80	84	79	55	49	45	47	44	46	59	73	45	67.6
	MIN	39	55	51	37	43	26	27	35	33	35	43	38	49	49	39	46	50	46	46	47	52	42	41	26	26	28	28	25	29	32	25	38.3
HANNAH	MAX	85	71	64	67	59	51	67	65	72	69	66	66	71	67	81	78	65	75	75	76	75	68	54	53	45	35	50	62	59		42	64.4
	MIN	42	42	30	31	33	15	35	35	36	38	33	41	32	36	37	47	54	40	47	45	56	41	32	27	33	18	27	29	34	28	26	35.5
HANSBORO	MAX	86	72	66	68	57	49	67	62	78	74	71	67	73	68			62	76	75	75	72	69	57	54	47	38	55	65	57		44	64.4
	MIN	38	47	35	35	37	17	31	34	38	43	34	39	35	40				43	43	46	52	42	33	26	34	20	31	33	37		27	35.9
HETTINGER	MAX	93	71	64	67	63	60	73	73	82	81	80	73	78	76	76	72	73	78	81	73	62	47	51	49	42	42	60	70	75	49	61	67.6
	MIN	53	46	31	37	38	27	33	36	40	37	40	36	34	40	48	50	43	38	41	40	42	35	25	32	28	21	30	35	39	34	33	36.8
HILLSBORO	MAX	86	79	69	72	64	52	67	64	71	72	72	69	75	69	82	79	71	91	80	80	79	67	52	50	47	44	46	60	67	57	45	66.7
	MIN	51	54	47	45	40	24	36	39	33	42	41	38	43	46	32	54	56	42	44	55	59	42	34	25	40	27	32	29	38	31	28	40.2
JAMESTOWN CAA AP	MAX	91	73	65	70	53	53	72	65	80	76	76	75	80	72	89	76	72	79	81	80	76	49	55	52	44	45	55	64	72	40	48	67.0
	MIN	50	46	35	33	34	34	33	35	33	40	36	49	40	41	36	46	49	42	49	51	48	41	29	23	29	22	34	34	34	29	27	37.5
JAMESTOWN STATE HOSP	MAX	91	80	64	72	63	53	70	64	82	77	75	76	79	70	85	76	72	79	81	80	75	62	52	51	45	43	54	63	70	57	48	68.0
	MIN	52	47	46	32	40	35	34	36	32	44	37	49	40	43	37	47	54	43	50	52	59	41	36	22	36	23	36	34	42	30	29	39.9
KENMARE	MAX	66	91	65	65	69	54	57	70	70	78	76	75	65	76	69	83	68	69	78	78	72	60	52	57	47	45	44	59	67	64	40	65.5
	MIN	33	38	32	32	38	26	26	29	29	37	37	35	34	32	33	39	41	45	42	42	41	44	31	31	32	24	29	35	35	30	30	34.3
KENSAL WILDLIFE REFUGE	MAX	89	87	70	73	67	53	75	66	82			76	79	72	83	82	72	82	80	78	75	66	55	53	46	44	57	66	72	66	48	69.4
	MIN	46	46	41	40	40	25	34	30	32			44	35	36	38	45	52	45	47	48	56	42	35	25	38	20	35	31	33	27	28	37.7
LANGDON EXP FARM	MAX	85	79	65	67	65	50	67	67	75	75	68	70	72	69	82	80	70	73	73	73	74	68	54	52	45	41	49	60	63	53	40	65.3
	MIN	45	50	34	33	37	20	32	28	40	34	39	48	34	38	40	49	54	42	51	48	56	42	35	30	36	19	28	28	38	27	26	37.5
LARIMORE	MAX	90	81	68	70	58	50	67	62	75	73	69	71	75	67	85	79	68	75	77	79	77	65	53	55	44	41	44	62	64	49	44	65.7
	MIN	42	52	47	40	40	22	37	37	34	42	37	44	38	47	35	47	54	46	47	52	59	42	40	30	36	24	30	32	39	30	28	39.7
LEEDS	MAX	89	75	64	68	50	52	69	63	78	75	72	70	75	70	85	76	64	77	81	78	72	65	53	52	44	38	55	63	63	49	47	65.5
	MIN	42	51	31	40	37	14	30	30	35	39	36	38	34	33	41	43	54	42	40	45	54	42	30	30	31	19	32	28	44	29	28	36.2
LINTON	MAX	91	76	65	70	60	56	76	68	81	78	79	77	79	80	82	72	74	83	84	80	71	58	58	45	47	48	59	65	74	49	44	68.7
	MIN	55	46	41	30	31	18	33	33	37	34	49	44	32	36	46	56	48	46	46	44	55	43	28	31	36	18	36	30	36	31	27	37.9
LISBON	MAX	89	88	67	70	69	55	71	70	77	77	74	78	77	74	83	81	77	79	83	82	80	63	55	53	49	45	53	63	70	68	50	70.0
	MIN	42	68	50	31	40	24	32	38	28	37	32	42	46	44	36	48	47	46	48	52	60	40	40	20	40	21	30	27	32	29	25	38.5
LOSTWOOD 12N	MAX					66	57	69	70	77	76	75	68	77	69	81	75			77	70	65	56	53	49	44	42	59					
	MIN					32	25	27	27	43	34	42	40	30	33	44	46			38	38	48	38	25	24	32	18	27					
MADDOCK AGR SCHOOL	MAX	88	78	64	67	58	54	68	63	77	74	73	70	74	67	85	75	67	76	79	77	75	65	52	54	45	39	52	60	63	52	47	65.7
	MIN	43	53	33	33	39	18	28	28	46	38	40	45	34	34	39	46	51	41	48	45	55	44	31	27	37	19	31	30	40	27	27	37.1
MANDAN EXP STATION	MAX	75	94	69	65	69	57	55	73	68	83	76	81	69	78	72	82	68	72	79	83	75	66	50	55	45	46	45	59	67	71	41	67.4
	MIN	47	53	38	37	43	21	31	38	40	38	44	38	35	44	43	51	50	39	38	42	51	42	31	27	37	22	32	36	38	35	30	38.4
MANDAN FT LINCOLN PARK	MAX	96	75	67	73	60	57	75	70	85	81	81	80	82	75	85	70	75	81	85	78	68	56	57	45	48	45	60	70	73	57	51	69.7
	MIN	49	50	37	37	40	19	33	37	36	37	40	34	36	40	40	52	47	37	38	41	51	40	29	27	34	20	33	34	38	30	27	36.9
MARMARTH	MAX	92							67	82	85	85	82	80	78	78	70	74		74	73	62	48	50	50	43	45	60	67	70	57	68	68.3
	MIN	44							27	37	43	30		28	30	47	45	40		30	33	44	33	24	27	32	23	30	31	43	32	32	34.1
MAX	MAX	70	92	64	68	68	52	57	69	68	82	72	69	68	75	70	82	78	78	80	78	73	63	49	54	48	47	39	59	65	62	38	65.7
	MIN	42	48	36	38	32	22	31	32	33	38	39	38	34	34	40	45	44	45	44	42	53	46	30	32	24	21	21	32	34	32	32	35.9
MAYVILLE	MAX	88	80	62	74	59	53	67	65	74	73	71	72	76	67	84	79	65	73	78	80	77	64	52	50	45	38	48	61	67	53	45	65.8
	MIN	48	52	48	40	42	21	36	40	34	43	35	41	42	44	35	49	57	47	48	55	62	42	41	28	38	26	32	29	40	31	28	40.5
MC CLUSKY	MAX	93	82	75	67	56	54	70	60	81	76	76	69	75	68	82	75	70	79	82	78	66	60	55	45	43	42	55	65	65	51	42	66.4
	MIN	52				39	21	32		40						45			40		42	58	41	28	32	32	22	31	31	40	32	29	
MC HENRY 5 N	MAX	89	75	64	68	56	52	69	62	81	74	72	72	75	68	82	76	69	75	77	76	76	62	52	51	43	40	52	61	65	48	44	65.4
	MIN	48	46	41	35	37	26	32	36	37	43	40	47	38	42	41	50	52	44	51	50	55	40	36	27	37	21	34	31	40	28	25	39.0
MC LEOD 3 E	MAX	89	90	70	74	62	54	69	68	76	78	75	76	77	73	86	78	73	82	82	85	78	60	51	52	49	47	48	64	70	54	50	69.0
	MIN	52	64	50	34	44	23	35	34	30	37	35	42	45	40	38	50	53	43	49	53	50	40	41	22	39	23	35	24	33	28	23	39.0
MEDORA 4 NNE	MAX	95	79	66	69	63	67	72	75	81	85	80	76	83	77	81	75	74	80	78	72	64	51	53	53	48	46	63	70	70	57	65	69.9
	MIN	36	37	25	28	34	25	26	25	41	32	31	32	27	28	36	46	38	32	29	32	47	39	22	25	35	19	27	31	29	33	32	31.6
MINOT CAA AP	MAX	92	66	65	66	50	56	69	66	81	75	75	66	77	67	83	70	67	79	81	73	62	54	54	46	45	43	57	67	64	39	51	64.7
	MIN	37	46	36	41	29	23	38	35	47	42	41	41	37	40	48	46	47	44	40	44	50	36	30	33	29	23	34	33	35	30	31	37.6
MINOT EXPERIMENT STATION	MAX	91	80	65	67	53	55	69	65	82	74	77	68	76	67	82	70	66	77	80	72	64	60	53	46	45	43	58	66	62	53	51	65.7
	MIN	38	48	33	38	41	24	37	32	46	41	40	38	38	37	45	45	48	42	37	42	48	42	30	30	35	22	31	32	41	30	30	37.5
MOFFIT 4 SE	MAX	90	88	63	71	63	52	67	65	84	82	78	73	79	78	82	78	71	80	84	80	74	64	55	54	44	42	58	65	71	64	43	69.1
	MIN	53	45	38	32	32	12	32	32	36	36	42	45	30	34	44	52	49	54	44		59	42	28	27	34	19	35	34	39	31	26	37.2
MOHALL	MAX	90	75	67	72	66	57	74	68	79	76	75	68	78	68	84	71	69	79	76	74	62	53	56	51	46	42	58	69	62	51	50	66.6
	MIN	38	41	31	37	41	19	24	28	39	37	46	41	32	32	36	42	48	38	36	37	46	42	28	31	34	21	32	31	42	29	29	35.1
MOTT	MAX	95	73	67	70	62	59	72	73	81	81	78	73	80	75	78	75	74	79	84	75	61	49	53	50	45	43	60	71	71	55	62	68.5
	MIN	51	42	29	32	31	21	26	29	31	31	37	31	29	32	40	46	39	31	32	38	48	38	25	25	36	17	29	32	31	32	33	33.0
MUNICH 4 SW	MAX	84	71	62	65	61	47	67	60	73	72	68	64	70	64	79	74	64	71	73	72	72	66	52	50	47	36	51	61	60	45	41	62.6
	MIN	44	47	35	28	32	15	31	26	35	37	35	42	30	38	36	44	52	37	47	43	54	41	35	26	32	17	30	31	36	29	26	35.2

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON 1 SE	MAX	90	82	68	70	59	53	73	68	78	77	75	74	77	73	80	74	71	80	82	80	69	56	54	44	44	46	57	62	69	49	46	67.1
	MIN	56	43	39	33	38	14	37	32	38	37	44	49	33	40	45	52	49	41	48	51	52	40	32	25	34	22	35	32	31	27	24	37.8
NEW ENGLAND	MAX	94	80	65	69	62	61	70	75	80	83	79	71	80	74	78	69	73	79	82	73	63	48	52	49	44	41	59	68	69	52	63	67.9
	MIN	47	44	28	32	35	24	30	33	35	34	36	36	31	38	39	42	44	34	35	41	46	37	26	28	34	20	30	36	40	33	30	34.8
NEW SALEM 1 S	MAX	95	71	65	68	70	56	72	70	82	76	79	72	77	72	80	65	73	78	84	75	59	50	53	44	46	43	60	68	70	51	56	67.1
	MIN	47	45	36	35	35	20	35	36	43	42	42	40	40	38	45	46	47	42	38	41	48	39	27	24	31	22	32	35	40	31	30	37.2
NEWTOWN	MAX	95	77	65	70	63	60	71	72	81	78	76	67	79	70	82	66	70	79	78	74	59	60	55	51	46	41	60	72	65	54	61	67.6
	MIN	43	44	33	32	39	25	29	34	41	36	45	40	31	39	40	49	44	35	36	41	49	42	28	28	35	22	31	33	39	34	30	36.4
OAKES	MAX	75	89	85	65	72	55	53	69	65	75	74	77	77	78	73	83	75	73	79	83	81	76	55	52	51	47	46	52	60	68	42	67.9
	MIN	34	61	49	29	42	25	28	37	29	32	36	46	41	39	40	42	49	40	52	51	54	40	36	26	26	23	24	26	33	30	26	37.0
PARK RIVER	MAX	87	87	66	66	61	52	66	67	76	75	69	73	73	71	84	81	67	74	75	77	77	73	53	54	50	48	47	61	62	53	43	66.7
	MIN	37	54	45	41	43	24	31	31	36	42	35	35	40	48	42	47	54	44	42	54	56	45	40	30	40	24	29	33	44	30	27	39.5
PARSHALL	MAX	96	72	66	69	62	59	72	72	81	78	76	69	79	72	83	68	71	79	80	73	60	59	54	49	46	42	60	70	65	52	60	67.5
	MIN	41	40	26	34	33	22	23	26	40	35	44	36	28	30	39	46	40	32	34	36	49	36	27	29	36	19	31	29	35	32	31	33.5
PEMBINA 2N	MAX	84	84	76	69	67	51	65	66	76	76	70	72	73	73	81	82	81	72	76	76	80	78	53	55	55	44	48	63	63	57	43	68.0
	MIN	44	52	44	30	38	16	38	32	35	38	31	43	37	44	34	40	51	45	42	45	52	47	39	30	40	25	26	27	41	31	29	37.6
PETERSBURG	MAX	85	80	65	67	60	50	66	62	76	75	73	72	72	68	84	76	67	74	75	75	75	68	52	50	44	39	47	59	62	55	41	65.0
	MIN	32	52	41	36	37	23	32	29	38	39	39	44	35	38	41	50	51	44	51	52	56	40	38	30	36	21	29	29	40	29	26	38.0
PETTIBONE	MAX	90	81	65	69	60	58	70	66	78	75	75	74	76	68	83	75	68	79	84	78	72	58	53	50	44	43	55	68	69	57	48	67.4
	MIN	51	51	41	37	36	24	34	35	39	39	45	46	36	39	43	54	48	40	47	50	47	43	33	26	34	20	33	33	40	29	27	38.7
PORTAL	MAX	66	91	64	64	70	52	60	68	71	75	78	75	65	75	70	85	67	67	77	77	73	60		55	50	44	45	60	68	64	39	65.8
	MIN	38	37	29	32	39	26	33	29	42	41	40	40	29	31	34	40	44	42	38	34	35	40		28	29	21	30	31	39	30	30	34.4
POWERS LAKE 1N	MAX	92	65	65	67	62		71	70	73	75	74	65	77	70	83	67	70	77	79	73	59	59	52	49	43	43	59	66	65	45	57	65.7
	MIN	37	32	22	25	32	24	23	27	39	32	42	40	24	30	40	45	42	33	36	33	48	39	25	30	30	19	33	28	39	30	30	32.5
RICHARDTON ABBEY	MAX	95	80	66	70	60	59	70	74	81	81	77	72	80	76	79	69	73	80	81	74	64	56	54	49	45	39	59	69	69	61	61	68.5
	MIN	54	46	36	38	40	26	36	36	42	43	45	40	38	40	43	47	44	43	45	46	52	39	30	30	34	24	33	37	42	35	32	39.2
RIVERDALE	MAX	72	95	66	65	68	54	56	71	68	81	75	76	70	76	70	82	69	70	78	81	71	63	50	52	44	45	42	59	67	66	38	65.8
	MIN	42	47	36	37	41	22	28	36	39	41	41	42	34	38	42	50	48	40	38	44	45	45	31	29	32	27	27	35	38	34	30	37.4
ROLLA	MAX	85	72	64	67	61	49	70	62	75	75	70	64	71	67	81	76	61	74	75	74	70	64	55	53	45	37	52	62	59	38	44	63.6
	MIN	39	46	39	39	34	17	28	36	37	47	36	40	36	41	41	43	49	42	45	46	53	40	31	25	34	21	30	34	35	26	25	36.6
RUGBY	MAX	88	85	66	69	64	62	68	67	79	76	79	74	76	72	83	78	64	76	78	74	74	67	55	52	47	44	56	64	60	44	46	67.3
	MIN	45	48	34	37	40	20	32	29	37	38	39	33	35	32	41	50	53	40	47	44	58	46	28	28	37	21	32	30	30	30	29	36.9
SAN HAVEN	MAX	85	75	65	69	58	50	69	66	76	76	67	60	73	65	82	76	64	75	76	74	70	66	54	53	45	37	54	62	62	44	44	64.3
	MIN	46	53	36	36	38	23	31	33	40	44	50	47	35	46	41	54	40	40	53	47	55	43	34	28	35	20	31	34	36	29	26	38.8
SHARON	MAX	83	80	65	70	58	52	67	62	75	74	70	73	74	70	84	77	67	76	79	80	76	59	54	52	43	40	48	61	66	43	45	65.3
	MIN	43	50	41	37	40	25	32	34	36	41	41	39	37	39	43	50	54	45	49	55	56	40	38	29	33	22	33	31	40	30	26	39.0
STANLEY	MAX	92	63	63	67	54	54	70	71	77	76	74	56	77	69	77	69	79	77	78	74	59	54	54	50	43	43	58	65		43	57	64.8
	MIN	49	44	32	32	30	24	31	29	47	36	38	43	30	37	39	43	42	37	38	41	46	33	28	28	25	24	29	30		30	37	35.1
STEELE	MAX	90	83	65	72	57	55	73	66	81	72	70	70	76	72	82	75	71	79	82	77	69	62	55	50	45	44	52	65	72	63	52	67.6
	MIN	54	49	38	38	38	19	40	35	40	39	45	44	35	39	41	51	51	41	44	47	53	42	32	28	34	21	32	32	39	30	28	38.7
TOWNER	MAX	91	72	67	71	58	52	69	73	81	73	76	71	73	78	84	75	71	76	79	70	61	58	56	52	48	40	58	67	65	48	53	66.6
	MIN	45		38	39	33	18	39	28	48	34	35	32	39	43	45	48	43	45	45	48	42	40	25	30	25	20	30	28	37	29	29	36.0
TURTLE LAKE	MAX	93	82	65	68	59	55	72	69	82	76	76	76	73	72	81	72	70	79	81	70	69	67	56	44	45	42	58	66	67	59	46	67.4
	MIN	47	48	33	40	38	21	33	34	39	40	47	35	42	40	47	51	50	40	45	44	52	44	29	30	33	22	34	32	40	32	29	38.4
UNDERWOOD	MAX	72	94	67	65	68	54	54	72	69	81	75	72	71	77	70	80	71	70	78	80	75	65	50	54	44	41	43	58	67	65	39	65.8
	MIN	35	45	31	33	38	22	24	32	34	37	38	42	34	32	37	46	49	41	41	43	44	43	28	29	23	23	25	31	33	34	29	34.7
UPHAM 3N	MAX	90	82	71	67	55	57	71	67	85	78	69	67	78	72	87	77	68	80	76	78	66	62	57	55	50	44	60	67	67	49	48	67.7
	MIN	47	41	27	41	41	18	27	28	36	35		42	31	32	35	45	50	35	41	39	50	44	26	25	30	19	28	27	33	26	29	34.3
VALLEY CITY	MAX	90	87	69	70	67	53	69	67	75	75	73	76	75	72	84	79	70	77	82	81	78	66	52	53	50	43	51	60	69	65	47	68.5
	MIN	44	58	47	35	42	30	35	36	32	44	34	45	38	44	37	49	53	43	50	55	57	41	39	24	42	23	33	28	39	30	29	39.9
VELVA	MAX	91	78	64	61	63	56	70	66	82	77	77	70	77	71	74	72	65	80	83	73	65	63	55	49	45	44	58	67	63	52	47	66.4
	MIN	41	46	34	32	43	20	36	32	42	37	42	40	34	37	45	45	50	41	36	44	51	42	29	32	36	23	34	31	43	32	31	37.5
WAHPETON STATE SCHOOL	MAX	89	93	85	72	69	55	70	67	73	74	75	73	72	75	85	80	78	82	83	84	80	63	50	50	49	48	46	63	75	64	49	70.0
	MIN	52	64	47	33	38	25	35	36	33	40	36	48	52	44	41	53	56	46	51	57	62	47	41	24	41	25	35	28	36	29	23	41.2
WASHBURN	MAX	93	88	65	67	65	54	74	69	83	78	77	72	77	75	81	75	72	82	82	77	69	64	53	47	46	43	59	67	69	60	49	68.8
	MIN	52	49	35	38	38	23	34	34	42	38	46	44	35	36	44		49	49	38	42	57	43	30	31	35	23	35	34	39	34	29	38.5
WATFORD CITY	MAX	96	65	66	67	61	65	71	75	80	84	75	68	80	76	83	69	72	80	78	73	61	55	55	54	47	41	62	69	66	52	60	67.9
	MIN	42	41	30	35	39	33	35	32	45	39	43	38	34	32	42	47	41	37	42	36	49	42	28	30	35	25	32	37	40	35	30	37.0
WATFORD CITY 14 S	MAX	97	84	68	69	67	66	74	77	83	86	85	76	83	83	84	80	74	81	82	74	70	52	56	55		51	63	71	69	64		73.2
	MIN	48	39	26	33	38	32	32	28	41	36	45	36	30	30	49	48	41	34	38	34	48	47	25	30		21	27	34	44	36		36.2
WESTHOPE	MAX	89	67	67	70	51	56	66	70	80	75	73	64	77	67	82	74	64	75	77	72	60	50	55	50	46	39	56	65	66	41	46	64.2
	MIN	44	42	27	34	28	22	29	34	29	34	40	41	30	32	41	44	51	35	44	35	46	32	26	27	23	19	28	28	32	26	27	33.2
WILLISTON WB CITY	MAX	91	62	64	67	58	66	73	73	79	82	74	69	77	74	82	68	71	79	72	69	56	51	54	54	46	42	67	66	62	47	59	66.3
	MIN	45	42	33	39	40	35	38	33	47	39	44	41	35	35	44	49	41	39	41	38	45	36	29	34	30	27	34	39	41	36	35	38.2
WILLOW CITY	MAX	90	73	67	70		53	71	68	81	76	73	67	76	69	84	76	64	77	77	74	72	62	52	54	48	41	57	65	64	44	48	66.4
	MIN	33	37	32	29		13	23	30	33	33	37	41	30	33	33	43	43	30	41	40	49	40	26	18	32	18	27	29	30	28	28	32.0
WILTON RR STATION	MAX	71	92	66		64	52	53	72	65			80	68	75	70	81	70		76	80	74	64	46	51			40	56	64	65		66.5
	MIN	39	39	37		34	22	22	34	37			39	36	37	40	44	50		40	46	46	40	30			20	23	33	36	33		35.7
WISHEK	MAX	90																				71	61	54	53	44	46	55	63	70	60	48	
	MIN	46																				53	38	29	20	35	19	30	29	31	26	20	

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
Edgeley Exp. Farm	EVAP	.24	.37	.33	.30	.23	.22	.26	.31	.27	.22	.19	.34	.24	.16	.15	.17	.19	.13	.13	.13	.16	.12	.07	.11	.02	-	.28	.09	.01	.15	.07	5.858
	WIND	60	111	108	79	82	163	72	34	91	65	25	76	68	19	48	56	58	54	30	74	88	140	139	65	59	81	28	44	38	48	88	2189
Riverdale	EVAP	-	.39	.24	.24	.12	.15	.15	.18	.15	.20	.20	.23	.15	.17	.14	.35	-	-	.20	.09	.11	.07	.23	.06	.01	-	-	.05	.08	.09	.05	4.898
	WIND	148	131	96	71	57	126	175	64	77	77	114	172	49	66	99	127	62	68	92	85	62	147	110	45	127	92	50	49	82	74	95	2889

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AMIDON	SNOWFALL																											0.4				
	SN ON GND																															
BOTTINEAU	SNOWFALL																											0.1				T
	SN ON GND																															
DICKINSON CAA AP	SNOWFALL																										T					
	SN ON GND																															
DUNN CENTER	SNOWFALL																											T				
	SN ON GND																															
FARGO WB AP	SNOWFALL																											T				
	SN ON GND																															
FORT YATES	SNOWFALL																								T							
	SN ON GND																															
FULLERTON	SNOWFALL																T															
	SN ON GND																															
JAMESTOWN CAA AP	SNOWFALL																											T				
	SN ON GND																															
MINOT CAA AP	SNOWFALL																															T
	SN ON GND																															
PRETTY ROCK	SNOWFALL																		T													
	SN ON GND																															
RICHARDTON ABBEY	SNOWFALL																										T					
	SN ON GND																															
SAN HAVEN	SNOWFALL																	T	T													
	SN ON GND																															
UPHAM 3 N	SNOWFALL																															T
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL																										T					
	SN ON GND																															

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	-		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose	0189	Divide	12	48 58	103 28	2059		5P	Soo Line Agent	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. R. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	F. R. Chidester	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Belen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck	0814	Burleigh	8	46 48	100 48	1670	9A	9A	Adolph Krein	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigb	8	46 51	100 33	1709		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Rendrickson	C
Durt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Ransen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1160		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	H. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		8P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunbam	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1938		6P	Theodore A. Wircb	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Sthhimiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	James Marr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald H. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Sam Charcbenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisse	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Belen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Cbarles E. Disher	2 3 5 7
Rarvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	B. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Bazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	Epbraim Zacher	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4188	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracbt	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Rutb Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Rospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Tbeo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davie	S 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretscbmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Josepb Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Bome	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	William R. Rugh	3
Loetwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1804	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy B. Kessler	3
Max	5638	McLean	8	47 49	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	8P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Scbielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McRenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Ricbland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467		6P	H. H. Kniefel	3
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Sta.	5993	Ward	12	48 10	101 18	1720	6P	6P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	9P	9P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	46 29	99 45	1955	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	48 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1506		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Ddean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7231	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1945		MID	Alvin Larson	C
Roeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3 C
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lynn	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McRenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	CLDSED - - - - -	10/20/53
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Rnbertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Dscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	1475		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Helen Sanstadt	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeiler	2 3 5
Watford City 11 E	9233	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Tbeo. Roosevelt NMP	2 3 5
Westhope	9333	Bnttineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jnnathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Statinn	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	Jobn Rohrer	3
Zabl	9635	Williams	8	48 34	103 41	2000		6P	Dla Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES FOR THIS ISSUE MAY BE FOUND ON PAGE 139

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CLIMATOLOGICAL DATA

NORTH DAKOTA

NOVEMBER 1953
Volume LXII No. 11

KANSAS CITY: 1954

NORTH DAKOTA - NOVEMBER 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

November was a warm, dry month. It was the sixth warmest November of record. The precipitation was very light in the western part of the state but a few stations in the central and southeast sections had above normal amounts. There was heavy snowfall in the extreme southeast portion. It was an excellent month for outdoor work and for livestock but some yard feeding of livestock was necessary in the southeast portion where there was considerable snow on the ground during the last ten days of the month.

The mean temperature for the state was 35.4 degrees which is 8.0 degrees above normal. The eastern division averaged 34.7 degrees which is 7.9 degrees above normal; the middle division averaged 34.7 degrees which is 8.0 degrees above normal; and the western division averaged 36.7 degrees which is 8.1 degrees above normal. The highest temperature recorded during the month was 75 degrees at Fort Yates and Hankinson. Linton reported the lowest temperature with 6 degrees below zero on the 22nd. The mean temperatures ranged from 39.1 degrees at Richardton to 31.5 degrees at Belcourt.

The average precipitation for the state was 0.36 inch which is 0.25 inch below normal and 0.11 inch less than was received in November of 1952. The eastern division averaged 0.56 inch which is 0.16 inch below normal; the middle division averaged 0.36 inch which is 0.23 inch below normal; and the western division averaged 0.16 inch which is 0.36 inch below normal. It was dry in all counties of the western section. In the central part of the middle section and in the southern counties of the east section, precipitation was above normal. Most of the precipitation for the month occurred as snowfall during the third week. The greatest monthly total precipitation was 1.51 inches at Wahpeton and the least was a trace at five stations in the western section of the state. The greatest monthly snowfall was 12.4 inches at Fullerton.

The warm weather was very favorable for building activities and livestock made good use of range feed and corn and stubble fields. High temperatures near the middle of the month were the highest temperatures so late in the season at many stations. Only two stations reported sub-zero readings during the month. There were high winds on the 5th and 6th but damage to buildings and from soil blowing was slight. There was blowing snow in the southeast part of the state during the third week of the month but no severe storms were reported anywhere.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	NW	12	11.1	49	S	5	80	86	66	72	7	4	2	0	0	0	13	55	6.1
DEVILS LAKE WB CITY	-	-	9.4	42	W	2	-	-	-	-	4	5	0	0	0	0	9	50	6.6
FARGO WB AIRPORT	SSE	30	16.7	53	W	2	71	77	64	65	4	1	2	0	0	0	7	61	6.4
WILLISTON WB CITY	-	-	6.5	26	W	2	75	82	64	63	3	4	1	0	0	0	8	62	5.7

Table 1

COMPARATIVE DATA

NOVEMBER

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	22.3	75	-26	0.79	7.4	4
1893	22.4	74	-27	0.57	4.6	3
1894	23.1	71	-25	0.47	2.6	4
1895	20.6	76	-25	1.09	8.2	5
1896	8.1	62	-32	2.23	21.7	9
1897	20.0	86	-28	0.32	2.8	3
1898	23.0	59	-30	0.34	3.1	3
1899	36.0	68	2	0.31	1.0	2
1900	20.4	64	-29	0.32	5.2	5
1901	26.8	70	- 7	0.13	1.6	1
1902	29.6	69	-12	0.24	1.9	3
1903	25.3	78	-20	0.26	2.5	2
1904	35.7	80	-10	0.09	0.7	1
1905	31.6	88	-38	1.36	11.0	9
1906	23.8	68	-16	1.49	10.2	7
1907	30.2	85	-15	0.08	0.7	1
1908	31.1	75	-15	0.94	8.2	4
1909	29.4	88	-23	0.48	4.6	3
1910	23.9	68	-23	0.40	3.2	2
1911	16.7	58	-33	0.64	7.1	6
1912	31.8	70	1	0.07	0.5	1
1913	34.1	77	- 2	0.22	1.6	2
1914	30.7	83	-30	0.33	2.6	2
1915	28.1	71	-10	0.95	3.7	4
1916	28.8	75	-18	0.27	1.7	2
1917	36.8	77	- 7	0.13	1.4	1
1918	28.9	71	-18	0.96	5.3	4
1919	15.6	57	-36	1.15	11.8	5
1920	28.0	65	-14	0.34	2.1	3
1921	21.0	69	-30	0.69	6.3	5
1922	31.8	65	- 8	2.24	6.3	6
1923	36.5	72	- 5	0.47	0.6	3
1924	27.6	69	-15	0.18	1.9	2
1925	28.8	69	-17	0.24	1.3	2
1926	21.5	68	-23	0.62	6.2	5
1927	20.7	59	-24	0.69	7.1	6
1928	31.0	70	-11	0.48	0.2	1
1929	24.8	70	-21	0.53	5.2	5
1930	29.4	72	-21	0.87	6.2	5
1931	30.3	78	-10	0.55	5.0	3
1932	25.2	70	-17	0.51	4.6	4
1933	28.3	78	-15	0.65	6.6	5
1934	33.9	73	- 1	0.28	1.0	3
1935	17.2	57	-25	0.73	8.1	6
1936	28.0	69	-28	0.34	4.0	4
1937	25.2	73	-25	0.41	3.5	4
1938	23.8	75	-21	0.87	7.9	6
1939	34.9	74	- 4	0.03	T	1
1940	22.0	59	-28	0.59	7.1	6
1941	30.5	69	-17	0.40	3.6	5
1942	28.0	73	-14	0.18	1.5	3
1943	28.7	63	- 4	0.44	4.2	4
1944	27.1	70	-21	2.25	8.8	9
1945	22.3	75	-26	0.48	5.3	4
1946	25.3	68	-22	0.35	3.3	4
1947	22.5	63	-19	1.05	11.1	9
1948	29.4	68	-19	1.11	3.9	8
1949	37.1	75	-13	0.30	2.2	4
1950	21.6	70	-23	0.49	5.8	5
1951	21.8	59	-24	0.28	3.6	4
1952	30.3	71	-18	0.47	0.9	3
1953	35.4	75	- 6	0.36	3.2	3

Averages for the period 1948 to date have heen weighted according to area and are not comparable with unweighted values published in this table for earlier years.

See reference notes following Station Index.

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	45.7	25.1	35.4	8.4	71	17	12	30	883	0	5	25	0	.75	.07	.45	20	6.0	5	21+	4	0	0
ARVILLA STATE PARK	43.7	24.5	34.1		64	14	11	30	919	0	6	27	0	.48		.29	20	5.0			3	0	0
CARRINGTON	44.6M	22.3M	33.5M	6.2	68	16	12	19		0	5	30	0	.24	- .31	.14	26	5.0	5	27	4	0	0
CAVALLER	43.0	25.9	34.5	9.8	64	14	15	23	908	0	8	25	0	.20	- .54	.20	21	2.0	2	21	1	0	0
COOPERSTOWN	44.4	24.9	34.7	7.4	66	14	11	27	905	0	5	23	0	.30	- .34	.11	23	2.6			4	0	0
DEVILS LAKE WB CITY R	42.4	25.7	34.1	9.0	65	14	15	30	920	0	5	24	0	.22	- .45	.09	26	2.6	2	21	5	0	0
EDGELEY EXP FARM	46.2	24.4	35.3	6.0	72	16	13	4		0	4	28	0	.48	- .04	.35	27	4.0	3	27+	4	0	0
EDMORE 1 W	43.6	22.0	32.8	8.2	61	12+	7	30	958	0	4	28	0	.08	- .54	.08	21	1.5	2	21	1	0	0
ELLENDALE	47.8	23.8	35.8	7.4	74	15	13	23	868	0	3	27	0	.93	.37	.48	20	10.0	7	21+	4	0	0
ENDERLIN	45.6	23.1	34.4		70	18	9	4		0	6	26	0	1.07		.76	27	10.0	9	27	3	1	0
FARGO WB AP R //	43.4	26.7	35.1	7.5	73	17	13	30	892	0	9	22	0	.77	- .10	.48	20	6.5	6	21+	3	0	0
FORMAN	46.3	24.8	35.6	7.0	71	17	7	30	874	0	5	24	0	.92	.35	.37	20		5	21+	3	0	0
FULLERTON	46.9	25.4	36.2	7.2	72	15	13	5	857	0	5	26	0	1.24	.53	.86	20	12.4	7	20	2	1	0
GACKLE	45.7	26.1	35.9	8.5	68	15	10	22	865	0	4	23	0	.57	.03	.33	26	8.1	6	26	4	0	0
GRAFTON ST SCHOOL	43.3	25.1	34.2	9.2	63	14	10	30	919	0	7	25	0	.37	- .32	.32	21	3.5	4	21+	2	0	0
GRAND FORKS CAA AP R	41.7	25.0	33.4	7.6	64	17	12	30	940	0	8	23	0	.62	- .17	.42	20	6.0	5	22	3	0	0
GRAND FORKS UNIV	42.4	26.8	34.6	8.8	65	17	14	30	903	0	9	23	0	.55	- .24	.32	20	7.0	7	21	3	0	0
GRAND RAPIDS 1 N	46.7	23.9	35.3		72	15	8	30	886	0	3	26	0	.93		.50	20	9.0	6	26+	3	1	0
HANKINSON R R STA	46.9M	24.1M	35.5M	6.6	75	18	16	26		0	6		0	1.16	.51	1.03	21				3	1	1
HANNAH	43.2M	23.2M	33.2M	12.5	65	12	8	30	946	0		28	0	.11	- .58	.10	21	1.0	1	21+	2	0	0
HILLSBORO	43.7	25.4	34.6	7.3	70	17	13	29	906	0	7	24	0	.60	- .16	.34	20	5.0	4	20+	3	0	0
JAMESTOWN CAA AP R //	45.3	23.8	34.6	7.3	70	17	14	4+	907	0	5	27	0	.58	- .09	.40	26	5.7	5	27	4	0	0
JAMESTOWN STATE HOSP	45.5	26.1	35.8	8.5	69	17	13	30	869	0	4	24	0	.40	- .27	.27	26	4.6			2	0	0
KENSAL WILDLIFE REF	47.3	23.6	35.5		70	15+	11	4	879	0	3	27	0						3	26			
LANGDON EXP FARM	42.0	23.5	32.8	9.1	64	14	9	30	960	0	7	27	0	.20	- .53	.18	21	2.0	2	21+	2	0	0
LARIMORE	43.6	26.4	35.0	9.2	65	13+	15	26+	895	0	7	23	0	.72	- .10	.26	20	5.0	4	21	3	0	0
LISBON	46.1	23.0	34.6	5.8	70	17+	11	30	905	0	5	25	0	.71	.08	.51	26				2	1	0
MAYVILLE	44.9	26.5	35.7	7.9	68	17	16	30	870	0	7	24	0	.20	- .51	.14	20	3.6	3	20+	3	0	0
MC HENRY 5 N	43.7	23.7	33.7	7.1	65	14+	12	27+	935	0	5	25	0	.28	- .26	.12	23	2.5	1	21+	4	0	0
MC LEOD 3 E	47.7	24.4	36.1	6.4	73	17	9	30	862	0	5	27	0	.72	.09	.45	20				3	0	0
MUNICH 4 SW	41.2	23.1	32.2		62	14	10	30	979	0	6	27	0	.12		.12	21	1.5	2	21+	1	0	0
OAKES	45.4	23.5	34.5	5.9	68	15+	2	30		0	6	27	0	.97	.41	.53	21	10.3	6	21+	4	1	0
PARK RIVER	43.9	25.3	34.6	7.6	65	14	15	26+	902	0	3	26	0	.16	- .47	.16	21	2.0	2	21+	1	0	0
PEMBINA 2 N	44.1	24.5	34.3	10.9	64	16+	9	30	915	0	5	26	0	.03	- .72	.03	21	.5	1	21+	1	0	0
PETERSBURG	43.5	23.9	33.7		65	14	13	30	933	0	6	26	0	.16	- .48	.16	21	2.0	2	21+	1	0	0
SHARON	44.2	25.4	34.8	10.1	66	14+	13	30	895	0	5	24	0	.42	- .30	.17	20	4.5	4	21+	4	0	0
VALLEY CITY	45.8	26.1	36.0	8.0	65	15	8	30	867	0	3	22	0	1.02	.34			10.3			6		0
WAHPETON STATE SCHOOL	47.6	25.4	36.5	7.5	74	17	10	30	849	0	5	24	0	1.51	.82	.80	20	12.0	8	21	3	2	0
DIVISION			34.7	7.9										.56	- .16			5.3					
MIDDLE DIVISION																							
ASHLEY	47.2	24.7M	36.0M	8.0	70	15	6	22	873	0	5		0	.13	- .42	.04	20+	1.0	1	20+	5	0	0
BELCOURT INDIAN RES	41.4	21.5M	31.5M		64	13+	5	30	995	0	6	29	0	.08		.05	26		T	21+	2	0	0
BISBEE	41.8	23.4	32.6	6.2	62	14+	13	30	966	0	5	26	0	.10	- .37	.05	26	T	T	7+	3	0	0
BISMARCK		29.1M			73	16				0				.38	- .10	.26	21	3.0	3	21+	6	0	0
BISMARCK WB AP R //	46.0	25.8	35.9	7.8	73	15	-1	22	866	0	3	26	1	.45	- .08	.21	21	4.1	3	22	6	0	0
BOTTINEAU	40.4	22.7	31.6	8.0	63	15	5	22		0	9	28	0	.31	- .16	.12	8	3.3	2	8	6	0	0
BUTTE	44.0	24.9M	34.5M	8.0	69	16	8	22		0	5	25	0	.72	.12	.25	27	7.0	4	27	4	0	0
CARSON NO 2					72	16	7	22		0	1		0	.27	- .30	.15	26				4	0	0
CENTER	46.0	23.7	34.9	6.4	73	15	6	22	896	0	3	27	0	.32	- .19	.25	21		4	21	3	0	0
DRAKE	43.6M	24.3M	34.0M	8.1	70	16	8	22		0	5		0	.70	.16	.37	27				3	0	0
ECKMAN	44.3	20.9	32.6	7.2	70	15	4	30		0	3	29	0	.43	- .06	.28	26	4.5	3	26+	2	0	0
FESSENDEN	44.5	23.3	33.9	7.3	68	15	6	22	925	0	4	26	0	.62	.02	.28	26	6.5	5	26	6	0	0
FORT YATES	49.6	26.8	38.2	8.2	75	15	0	22	798	0	3	26	1	.19	- .26	.09	21	.7	T	20+	5	0	0
FOXHOLM 7 N	48.3M	26.1M	37.2M	11.6	68	12	5	22	837	0		25	0	.24	- .44	.19	26	1.5	2	26+	2	0	0
GARRISON	44.3	23.7	34.0	7.5	70	16	8	22		0	3	29	0	.18	- .31	.11	7	1.5	1	7+	4	0	0
GRANVILLE	45.8	26.1	36.0	9.6	71	15	1	22	864	0	5	23	0	.62	.08	.40	26	6.5	5	26	3	0	0
HANSBORO	42.7M	23.9M	33.3M	9.8	68	15			942	0		26	0	.02	- .52	.02	7	.1	T	7+	1	0	0
LEEDS	43.2	24.6	33.9		66	14	12	20+	925	0	6	24	0	.19		.12	26	1.7			3	0	0
LINTON	48.8	24.7M	36.8M	8.0	71	15	-6	22	833	0	3	27	1	.07	- .38	.07	20	2.5			1	0	0
MADDOCK AGR SCHOOL	43.1	24.2	33.7	7.5	64	14+	12	30	932	0	4	26	0	.35	- .16	.16	26				4	0	0
MANDAN EXP STATION	46.0	25.7	35.9	7.0	73	16	2	22		0	3	26	0	.39	- .13	.32	21	3.7	4	21+	4	0	0
MANDAN FT LINCOLN PARK	48.3	25.0	36.7		74	15	1	22	842	0	3	25	0	.37		.35	21	5.0	5	21	3	0	0
MAX	43.6M	23.1M	33.4M	7.7	68	16	6	22+		0	2		0	.95	.45	.25	21+	2.8			5	0	0
MC CLUSKY	43.8	25.4	34.6	9.0	67	15	4	22	905	0	6	24	0	.78	.23	.42	21	6.0	3	21+	4	0	0
MINOT CAA AP	43.9	27.6	35.8	7.7	69	15	9	22	869	0	4	23	0	.47	- .19	.25	26	3.9	2	27+	5	0	0
MINOT EXP STATION	44.5	26.1	35.3		69	15	6	22	885	0	4	24	0	.35		.26	26	3.8	3	26	3	0	0
MOFFIT 4 SE	48.0	26.6M	37.3M		70	15			812	0	3	26		.40		.29	21	4.0	2	21+	4	0	0
MOHALL	44.1	24.6	34.4	9.4	73	14	7	30	911	0	4	25	0	.41	- .13	.37	26	4.0	4	26	2	0	0
NAPOLEON 1 SE	46.3	26.4	36.4	9.6	69	14	4	22	852	0	3	24	0	.26	- .32	.10	26	3.1	2	21+	4	0	0
NEW SALEM 1 S	47.1	25.9	36.5	6.9	71	15	6	22	848	0	3	23	0	.43	- .05	.18	7	5.2	3	21+	6	0	0
PETTIBONE	44.9M	26.6M	35.8M	9.7	67	15			871	0		24	0	.46	- .07	.22	26				5	0	0
RIVERDALE	44.8	25.4	35.1		70	16	6	22		0	2	25	0	.33		.11	7+	1.5	1	7+	5	0	0
ROLLA	41.7	23.6	32.7	9.5	66	15	11	30	965	0	6	27	0	.06	- .49	.06	21	.6	1	21	1	0	0
RUGBY	44.1	25.5	34.8		66	15	10	22	896	0	4	26	0	.35	- .17	.20	26		3	26+	3	0	0
SAN HAVEN	41.8	25.2	33.5	9.4	65	13	13	26	936	0	6	24	0	.16	- .34	.06	21	1.3	1	21+	3	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station		Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure From Normal	Temperature: Highest	Date	Temperature: Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	No. of Days: Max. 32° or Below	No. of Days: Min. 32° or Below	No. of Days: Min. 0° or Below	Precipitation: Total	Precipitation: Departure From Normal	Precipitation: Greatest Day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. Depth on Ground	Date	No. of Days: .01 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
STEELE		46.5	24.8	35.7	9.2	69	14+	5	22	872	0	4	25	0	.33	- .14	.12	21	5.5	3	21+	4	0	0
TOWNER		45.0M	24.6M	34.8M	9.4	69	15	5	22	907	0			0	.25	- .28	.13	26	4.0	4	26+	2	0	0
TURTLE LAKE		45.7	25.5	35.6	7.5	70	15	5	22	873	0	3	26	0	.54	.12	.30	21				4	0	0
UNDERWOOD		43.9	23.8	33.9	5.6	69	16	6	22+		0	3	26	0	.23	- .22	.10	23	2.5			4	0	0
UPHAM 3 N		44.1	22.3	33.2		70	15	0	22	947	0	4	27	1	.48		.18	26	9.0	5	26+	4	0	0
VELVA		45.0	26.6	35.8	8.4	69	15	5	22	870	0	4	24	0	.92	.28	.44	26	7.0	5	26	4	0	0
WASH8URN		46.1	27.0	36.6	7.2	71	15	3	22	848	0	3	25	0	.37	- .07	.26	21		3	21+	3	0	0
WESTHOPE		42.0	22.6	32.3	7.2	69	15	5	30	974	0	5	26	0	.40	- .15	.35	26	4.5	4	26	3	0	0
WILLOW CITY		43.3M	21.8M	32.6M	9.9	66	15	6	22	957	0	4	26	0	.23	- .33	.12	26	3.0			3	0	0
WILTON R R STATION		44.9M	23.8M	34.4M	7.1	68	16	4	22		0		25	0	.31	- .17	.20	21				5	0	0
WISHEK		47.8M	22.2M	35.0M	6.6	68	15	1	22	891	0		28	0	.08	- .37	.08	21				1	0	0
DIVISION				34.8	8.1										.36	- .23			3.6					
WESTERN DIVISION																								
ALMONT 7 SW		48.1	28.0	38.1		72	15	8	22	800	0	2	22	0	.16		.12	7	1.6	1	7	3	0	0
AMIDON		49.9	26.6	38.3	7.7	71	15	7	20		0	4	22	0	.35	- .06	.10	18+	1.6	1	18+	6	0	0
8EACH		50.6	25.1	37.9	7.2	71	15	9	20		0	3	26	0	.22	- .24	.13	28	T	0		5	0	0
8ELFIELD		48.7	24.6	36.7	7.3	70	15	10	21	841	0	2	27	0	.27	- .21	.16	28	T	0		3	0	0
8OW8ELLS		44.1M	24.5M	34.3M	8.1			8	22		0	6		0	.10	- .36	.10	26	1.0	1	26	1	0	0
8OWMAN COURT HOUSE		51.1	26.1	38.6	8.1	71	14	5	22	787	0	1	24	0	.18	- .20	.14	18	3.5	4	18	2	0	0
CROS8Y		43.6	25.4	34.5	8.0	64	15	9	20	906	0	5	24	0	.01	- .55	.01	23	T	0		1	0	0
DICKINSON CAA AP	R //	49.1	26.5	37.8	9.6	69	15	11	22	808	0	1	23	0	.08	- .40	.03	18	.2	T	7+	5	0	0
DICKINSON EXP STA		50.8	24.1	37.5	9.3	70	13+	8	22		0	1	28	0	.07	- .41	.05	28	T	0		3	0	0
DUNN CENTER		49.7	20.4	35.1	7.2	71	16	6	22		0	1	30	0	.03	- .41	.02	28	T	T	7	2	0	0
EL8OWOODS		49.4	26.3M	37.9M	9.5	70	15			797	0	0	25	0	.23	- .17	.08	26	T	0		4	0	0
EPPING		46.9	25.5	36.2	9.9	66	15	9	22	856	0	1	26	0	.22	- .21	.22	23	T	0		1	0	0
GRENORA		47.8	24.5	36.2	10.1	66	15	11	20	861	0	0	25	0	.33	- .22	.33	26	.0	0		1	0	0
HETTINGER		49.5M	25.9M	37.7M	6.3	71	15	6	22	812	0		22	0	.23	- .17	.13	17		2	17+	3	0	0
KENMARE		44.8	26.9	35.9	9.6	67	13	11	22		0	2	24	0	.11	- .43	.10	26	.0	0		2	0	0
LOSTWOOD 12N																								
MARMARTH		48.8M	23.4M	36.1M	5.2			5	20	860	0	3		0	.33	- .04	.18	18	1.7	2	18	5	0	0
MEDORA 4 NNE		52.0	25.0	38.5		70	15	5	22	787	0	1	23	0	.20		.12	28	T	0		3	0	0
MOTT		50.6	22.8	36.7	7.4	72	15	3	22	842	0	1	29	0	.17	- .29	.06	7+	2.0	1	18+	4	0	0
NEW ENGLAND		50.6M	24.7M	37.7M	8.3	70	12	5	22	813	0		28	0	.11	- .34	.09	18	2.0			2	0	0
NEWTOWN		46.5	25.9	36.2	8.2	68	15	6	22	857	0	1	27	0	.21	- .32	.11	23	.7	T	6	5	0	0
PARSHALL		46.2	24.2	35.2	9.7	69	15	4	22	887	0	2	29	0	.19	- .20	.14	23	T	0		4	0	0
PORTAL		44.9M	24.7	34.8M	9.8	68	15	9	22		0	2	25	0	.11	- .41	.07	26	1.4	1	26+	2	0	0
POWERS LAKE 1 N		43.4M	22.0	32.7M	7.3			3	20	969	0	1	28	0	.05	- .44	.05	26	T	T	20+	1	0	0
RICHARDTON A88EY		50.3	27.8	39.1	10.4	69	12+	10	22	772	0	1	21	0	.10	- .42	.03	7	.6	T	6+	5	0	0
STANLEY		43.9	23.6	33.8		65	15	4	21	932	0	2	29	0	.14	- .40	.14	23	.0	0		1	0	0
WATFORD CITY		49.1	27.3	38.2	9.7	69	15	9	22	796	0	1	21	0	.19	- .30	.10	23	.0	0		3	0	0
WATFORD CITY 14 S		50.9M	25.2M	38.1M		71	15	8	20+	800	0	1		0	T		T	6+	T	0		0	0	0
WILLISTON W8 CITY	R //	47.6	27.6	37.6	9.3	68	15	12	20+	815	0	0	23	0	.20	- .38	.13	23	.1	T	28	5	0	0
DIVISION				36.7	8.1										.16	- .36			.6					
STATE				35.4	8.0										.36	- .25			3.2					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
NOVEMBER 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.18																					.18										
ALEXANDER	.07						.01												.01					.03	T		.02					
ALMONT 7 SW	.16						T	.12											.02			.02	T				T	T	T			
AMBROSE	T																					T	T			T	T					
AMENIA	.75																				.45	.23		.03		.04						
AMIDON	.35							.03				T							.10	.04				.03				T	.10	.05		
ARVILLA STATE PARK	.48																				.29	.15		.04								
ASHLEY	.13						.02														.04	.02	T				.04		.01			
BALTA	.26							.06														.05					.15	T	T			
BANTRY	.23								T													.09					.14	T				
BEACH	.22							.03											T	.03				T				.02	.13	.01		
BELCOURT INDIAN RES	.08							T														.03					.05					
BELFIELD	.27							.06	T										T	T			.05	T					.16			
BERTHOLD	.16						T	.03														T		.04			.07		.02			
BEULAH	.08						T														.03						.05					
BISBEE	.10							.03														.02					.05		T			
BISMARCK	.38						T	.06	T											T		.26	T	.02	.01	.02	.01					
BISMARCK WB AIRPORT R//	.45						T	.08	T		T								T		.11	.21	.01	T		T	.03	T	.01			
BISMARCK 12 ENE	.11					T	T	T													.06						.05		T			
BOTTINEAU	.31							.03	.12													.03	.02				.07	.04	T			
BOWBELLS	.10																						T				.10					
BOWMAN COURT HOUSE	.18						T	.04											.14								T		T	T		
BOWMAN 11 SE	.23						.06	.04											.10									T	.03			
BOWMAN 30 NNW	.14						.09												.05										T			
BURT 16 N	.04																		.03				T						.01			
BUTTE	.72							T	T													.13		.24			.10	.25	T			
CARRINGTON	.24							T														T		.01			.14	.08		.01		
CARSON NO 2	.27							.06														.02		T	T		.15		.04			
CAVALIER	.20																					.20				T		T				
CENTER	.32							.02											T			.25			T		.05		T			
COLGATE	.42																				.24	.02		.10			.06				T	
COLUMBUS	.10																						.03				.07					
COOPERSTOWN	.30																				*	.09		.11		T	.10					
COURTENAY	.32																				*	.32						T				
CROSBY	.01						T																T	.01			T					
DEVILS LAKE WB CITY R	.22						T	.02													.08	.02		.01	T	T	.09		T			
DICKINSON CAA AP R//	.08						.01	.01											.03				T	T		T	.01		.02			
DICKINSON EXP STA	.07							.01																.01	T		T		.05	T		
DONNYBROOK	.02																				T			.02								
DRAKE	.70																					.15		.18				.37				
DUNN CENTER	.03							.01	T															T			T		.02			
ECKMAN	.43							.15														T	T				.28					
EDGELEY EXP FARM	.48																					.10		.02				.35		.01		
EDMORE 1 W	.08								T		T											.08									T	
ELBOWOODS	.23						T	T															.01	.07			.08		.07			
ELGIN 5 S	T						T	T											T		T	T	T				T	T	T			
ELLENDALE	.93									T											.48	.22	T	T			.21	T	.02			
ENDERLIN	1.07																					.21					.10	.76				
EPPING	.22						T												T				T	.22			T		T			
FAIRFIELD	.12						.02																		T		T		.10			
FARGO WB AIRPORT R//	.77																				.48	.25		.04	T	T	T		T			
FESSENDEN	.62							T	.03												.02	.15		.11			.28		.03			
FLASHER	.27							.10														.17			T							
FLAXTON	.13						T	T															T				.11		.02			
FORBES 13 NW	.46						T	T													.35		T				.08		.03			
FORMAN	.92																				.37	.24		T			.31		T			
FORT YATES	.19						.01	.02													.04	.09	T				T	.03				
FOXHOLM 7 N	.24						T	T															T				.19	T		.05		
FULLERTON	1.24																				.86		T				.38	T	T			
GACKLE	.57						T														.20	.03		.01			.33					
GARRISON	.18							.11	T													.02	T	.02	T		T	T	.03			
GLEN ULLIN 13 N	.07							.03																				.04				
GOLDEN VALLEY 10S	T																						T	T			T					
GRAFTON STATE SCHOOL	.37																				.05	.32	T			T		T	T			
GRAND FORKS CAA AP R	.62																				.42	.08		.12		T			T			
GRAND FORKS UNIV	.55																				.32	.17		.06	T	T			T			
GRAND RAPIDS 1 N	.93																				.50			.03			.40		T			
GRANVILLE	.62							.10														.12		T			.40					
GRASSY BUTTE 10N	.19																		T						T		.19					
GRENORA	.33																										.33					
HALLIDAY	.15							.08																					.07			
HANKINSON R R STA	1.16																				.02	1.03					.11					
HANNAH	.11							T	.01													.10										
HANSBORO	.02							.02	T		T											T										
HARVEY 3 NE	.37							T												T	.04			.15			.18		T			
HETTINGER	.23						T	.07										.13	.03		T			T	T							
HILLSBORO	.60												T								.34	.16		.10		T			T			
JAMESTOWN CAA AP R//	.58							T	T												.14	.03		.01		T	.40	T	T			
JAMESTOWN STATE HOSP	.40						T	T													.13	T					.27		T			
KEENE 2 S	.13					.02																	.03	.02			.01	.03	.02			
KENMARE	.11																										.10	.01				
KENSAL WILDLIFE REF	-								T												.05	-		.08			.17		T			
KILLDEER 8 NW	.10						.10																									
KULM	.43								T												.15	.08					.20					
LANGDON EXP FARM	.20								.02													.18				T						
LANSFORD	.56							.04			T											T					.52		T			
LARIMORE	.72																				.26	.21		.25								
LEEDS	.19							.02														.05					.12	T	T			
LEFOR 10 E	.05						T	.02											.02				.01	T					T			
LINTON	.07						T	T	T											T	.07	T	T				T	T				
LISBON	.71																				.20			T			.51					
LITCHVILLE	.58																				.28	.14		T		T	.16					
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MADDOCK AGR SCHOOL	.35							.03	T												T	.05		.11			.16		T			
MANDAN EXP STATION	.39						T	.02	T											T		.32	T	T	T		.03	.02				
MANDAN FT LINCOLN PARK	.37							.01													T	.35	T	T					T	.01		
MARMARTH	.33						.07	.04											.18				.03		T				.01		T	
MARTIN	.67							T														.27		.15			.25				T	
MAX	.95							.15														.25		.20			.10	.25				
MAYVILLE	.20																				.14	.03		.03		T	T					
MC CLUSKY	.78							.03														.42		.09			.24					
MC HENRY 5 N	.28																				.01	.09		.12			.06					
MC LEOD 3 E	.72																				.45	.21	T				.06					
MC VILLE	.48																			T		.20		.08			.20					
MEDINA 1 W	.48																				.12						.26		.10			
MEDORA 4 NNE	.20						.06												.02				T		T				.12			
MEDORA 23 NNW	.31							.01																T					.28	.02		
MINOT CAA AP	.47						.02	.04			T											.10	T	.06		T	.25	T	T			
MINOT EXPERIMENT STATION	.35							.03														.06	T				.26		T			
MOFFIT 4 SE	.40						T	T	T												.04	.29	T	T			.05		.02			
MOHALL	.41						T	.04														T					.37		T			
MONTPELIER	.39								T												.07	.05		.01			.25		.01			
MOTT	.17					T	T	.06											.06				.02				T		.03			
MUNICH 4 SW	.12								T													.12										
NAPOLEON 1 SE	.26						.01	T	T												.07	.08	T	T			.10					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.11							T	T										.09				T	T					.02			
NEW ROCKFORD 7 WNW	.27						T		T												.16	T		.02		T	.09		T			
NEW SALEM 1 S	.43							.18											.06		.02	.14	T				.02	T	.01			
NEWTOWN	.21						.05																.01	.11			.02		.02			
NOONAN	T																										T					
NORTONVILLE	.45																				.10						.35					
OAKES	.97																					.53		.03			.27	.14				
PARK RIVER	.16																				T	.16										
PARSHALL	.19						.02	.01														T	T	.14			.02	T	T			
PEMBINA 2 N	.03																					.03				T						
PETERSBURG	.16																					.16										
PETTIBONE	.46						T	.01													.10	T		.08			.22		.05			
PINGREE	.33																				.12			T			.21		T			
PORTAL	.11							.04	T										T					T			.07		T			
POWERS LAKE 1 N	.05							T													T						.05	T				
PRETTY ROCK	.21			T			T	.11	T										T	T	.04	.06	T	T		T			T			
REEDER	.08							T											.08													
REEDER 14 N	.13							.01											.08	T				.02					.02	T		
RICHARDTON ABBEY	.10						.02	.03											.01			T	.02				T		.02			
RIVERDALE	.33							.11	T											T		.06	T	.11			.03	.02	T			
ROLLA	.06							T														.06				T	T	T				
RUGBY	.35							.10														.05					.20		T			
RYDER	.28						*	.11														.02		.12				.03				
SAN HAVEN	.16							.05	T													.06					.05					
SCRANTON	.18						T												.18	T							T	T	T			
SELFRIDGE 11 W	.38							T	.10												.18	.10		T	T	T						
SENTINEL BUTTE 20 S	.20						.14												.06								T	T				
SHARON	.42																				.17	.15		.03			.07		T			
SHERWOOD 3 N	.49						T	.03														T	T				.46					
SHIELDS	.08					T	.02	.04												T	.01	.01	T						T			
STANLEY	.14							T															T	.14								
STEELE	.33							T	.04												.06	.12	T	T			.11	T	T			
SYKESTON	.77								T												T	.26		.13			.38					
TAGUS	.15						T	.02														T	T	.05			.06		.02			
TIOGA	.19						.03																.16									
TOLLEY 5 NNE	.24							T														T					.24					
TOWNER	.25																					.12					.13					
TROTTERS 6 WNW	.18						.07												T				.01	T					.10			
TURTLE LAKE	.54							.02														.30		.07			.15		T			
TUTTLE	.47							.03													.02	.09	T	.13			.20					
UNDERWOOD	.23							.05	T													.05	.03	.10			T	T	T			
UPHAM 3 N	.48						.01	.16	T													.13					.18					
VALLEY CITY	1.02																				*	.53		.04		.08	.30	.07				
VELVA	.92							.03														.25		.20			.44					
VERONA	.82																				*	.35		T			.47					
WAHPETON STATE SCHOOL	1.51																				.80	.55		T		T	.16			T		
WALHALLA	.10																					.10										
WARWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHBURN	.37							T										T				.26		.09			.02					
WAUTAUGA S DAK 8 N	.62						T	.30													.10	.22	T				T					
WATFORD CITY	.19						.07	.02																.10								
WATFORD CITY 14 S	T						T															T	T	T	T		T		T			
WESTHOPE	.40							.03														.02					.35					
WILDROSE	.16						.03																	.13				T	T			
WILLISTON WB CITY R//	.20						.01											.01	T				T	.13		T	.02		.03			
WILLOW CITY	.23							.05														.06					.12					
WILTON RR STATION	.31							T												T		.20		.05			.03	.02	.01			
WISHEK	.08						T														T	.08		T								
WOODWORTH 5 E	.79																				T	.13		T			.66			T		
ZAHL	.30					T	T	.02											.01				T	.22			.04	.01	T			

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7SW	MAX	63	55	55	45	48	41	34	50	61	48	34	67	67	66	72	66	63	40	33	25	26	40	44	44	40	44	40	41	47	44		48.1
	MIN	40	35	26	25	30	32	27	24	33	30	29	29	37	37	39	39	38	28	14	14	21	8	32	25	23	30	24	27	24	21		28.0
AMENIA	MAX	62	61	47	40	42	44	45	44	56	46	43	57	61	64	65	63	71	61	38	33	28	31	38	35	33	27	35	32	38	30		45.7
	MIN	34	36	28	17	18	22	27	19	17	28	33	23	27	29	32	35	35	31	29	25	24	22	16	28	25	16	22	20	22	12		25.1
AMIDON	MAX	63	66	43	55	50	48	38	48	56	64	37	55	69	64	71	69	67	61	30	31	25	31	43	49	46	44	44	43	41	46		49.9
	MIN	38	42	25	18	20	31	30	24	35	29	27	29	38	34	40	37	38	26	17	7	14	9	28	21	28	24	19	22	24	25		26.6
ARVILLA STATE PARK	MAX	58	56	48	37	41	42	46	43	57	41	42	56	63	64	62	59	62	46	37	32	28	33	34	33	32	25	31	32	37	34		43.7
	MIN	36	31	28	13	17	23	28	20	22	27	33	27	28	32	25	41	29	28	22	20	23	22	19	25	24	12	20	23	25	11		24.5
ASHLEY	MAX	64	62	55	41	44	32	35	43	55	47	37	64	68	66	70	65	67	58	36	31	25	31	42	40	37	30	39	43	43	46		47.2
	MIN		45	30	18	22	25	27	29	19	30	30	25	31	25	28	34	39	26	20	21	20	6	20	26	19	16	25	23	21	17		24.7
BEACH	MAX	63	68	49	55	52	50	39	49	57	61	40	58	65	65	71	68	66	53	32	36	29	32	51	46	42	43	45	44	43	47		50.6
	MIN	34	43	25	19	25	31	32	21	27	27	28	27	30	36	36	32	31	29	17	9	10	11	28	23	20	19	18	19	24	23		25.1
BELCOURT INDIAN RES	MAX	53	46	40	39	47	37	35	32	50	40	36	56	64	63	64	56	54	42	33	28	26	29	30	35	31	33	33	35	41	35		41.4
	MIN	31	36	19	11	20	25	28	19	20	27	28	26	22	31	29	28	25	27	24	13	9	15	17	23	18	13	12			5		21.5
BELFIELD	MAX	67	56	54	50	49	48	48	47	55	38	52	68	61	69	70	67	56	35	37	30	29	35	46	43	39	41	45	41	43	43		48.7
	MIN	34	34	23	17	29	27	31	31	18	26	26	22	31	32	33	31	28	28	18	12	10	18	28	26	20	26	19	20	21	20		24.6
BISBEE	MAX	54	51	42	38	49	37	38	33	48	40	39	57	57	62	62	54	55	43	33	29	27	31	32	36	33	30	35	38	36	35		41.8
	MIN	36	33	18	18	27	26	25	18	23	24	31	24	27	35	28	33	26	27	18	17	21	20	16	23	20	16	21	18	19	13		23.4
BISMARCK	MAX		63	51	52	46	50	38		39		38	36	60	66		73	67	63	40	34	28							43		45		
	MIN	33	49	28	22	27	29	28		23	32	32	25	29	32		32	41	30	21	22	21							33		23		29.1
BISMARCK WB AIRPORT	MAX	63	54	52	47	50	38	35	37	58	38	35	60	67	65	73	65	62	39	35	29	26	29	41	42	37	35	39	44	45	41		46.0
	MIN	37	33	23	20	30	30	29	25	26	31	32	24	28	29	27	33	33	31	19	22	23	- 1	13	26	24	30	27	27	25	19		25.8
BOTTINEAU	MAX	45	50	47	43	41	50	38	33	31	46	36	35	55	59	63	61	56	57	34	30	28	24	27	29	34	26	32	35	35	32		40.4
	MIN	27	35	17	18	22	25	30	16	24	24	31	23	24	30	36	30	30	27	27	16	20	5	12	23	22	16	24	20	16	11		22.7
BOWBELLS	MAX	54	55	47	45	45	50	37	38	44	59	35	41	67	62	67		56	50	34	30	32	32	32	33	48	32	32	39	43	40		44.1
	MIN	33	37	21	21	24	35	31	19	26	29	30	30	33	37	40		26	22	13	10	11	8	24	20	21	22	22	24	25	16		24.5
BOWMAN COURT HOUSE	MAX	65	59	57	51	48	43	50	56	64	51	54	70	65	71	70	67	61	44	34	35	28	43	42	43	41	45	44	41	46	44		51.1
	MIN	35	40	20	17	30	31	30	24	30	30	27	32	37	33	34	31	31	27	16	10	16	5	33	24	25	31	13	26	24	22		26.1
BUTTE	MAX	50	59	50	45	44	50	43	34	35	54	36	36	66	64	63	69	60	56	36	31	26	25	40	35	37	30	32	35	39	39		44.0
	MIN	32	34	26	21	21	30	30	20	26	31	31	30	30	36	38	37	37	26	18	12	15	8	10	15	25	15	20	23	24			24.9
CARRINGTON	MAX	49	58	55	46	41	38	40		36	61	37	41	65	64	64	68	65	67	38	35	30	25	30	37	36	28	28	35	41	35		44.6
	MIN	29	30	25	17	15	20	21		20	29	31	22	28	28	28	28	31	23	12	15	20	16	15	25	25	18	15	20	20	20		22.3
CARSON NO 2	MAX															70	72	68	63	35	34	35	30	44	44	44	42	38	40	39	45		
	MIN							24								39	37	40	30	20	20	17	7	28	22	22	27	25	24	21	28		
CAVALIER	MAX	54	53	48	38	43	42	45	42	50	42	40	61	61	64	60	62	52	46	37	30	29	32	36	32	30	27	30	32	39	33		43.0
	MIN	37	36	30	16	17	23	27	25	23	28	33	29	28	34	29	45	28	29	29	17	23	23	15	26	22	16	21	25	25	18		25.9
CENTER	MAX	62	53	51	45	49	43	36	35	59	40	38	58	65	64	73	65	59	43	34	28	27	32	40	42	37	38	38	42	43	40		46.0
	MIN	35	35	21	17	20	24	24	20	26	29	30	25	25	27	27	33	28	28	16	15	21	6	13	25	26	25	25	25	23	18		23.7
COOPERSTOWN	MAX	58	54	46	38	44	42	43	38	58	48	40	60	64	66	64	62	64	53	36	33	26	32	32	35	34	25	30	34	36	36		44.4
	MIN	38	40	26	17	20	22	25	23	20	30	33	28	31	34	34	36	35	26	21	21	22	21	18	27	24	12	11	23	17	12		24.9
CROSBY	MAX	53	52	46	46	50	45	40	49	56	46	43	58	61	62	64	53	44	40	28	28	28	37	37	31	32	35	35	33	33	43		43.6
	MIN	35	36	22	23	34	32	31	20	28	30	30	29	30	34	37	38	27	23	13	9	14	10	23	21	16	27	28	25	22	16		25.4
DEVILS LAKE WB CITY	MAX	55	50	43	38	44	40	40	34	55	39	42	62	61	65	63	57	59	37	34	27	25	32	35	35	28	26	35	39	36	37		42.4
	MIN	38	36	20	19	21	27	28	21	24	30	32	29	31	38	34	40	33	27	19	17	19	21	22	25	18	19	21	24	22	15		25.7
DICKINSON CAA AP	MAX	65	53	52	48	49	37	47	56	62	39	47	68	64	68	69	66	60	34	37	27	33	45	46	42	40	44	43	41	45	45		49.1
	MIN	37	32	27	25	29	30	27	23	34	29	29	31	35	35	37	37	33	26	17	14	13	11	25	24	21	28	20	24	22	21		26.5
DICKINSON EXP STATION	MAX	62	66	45	54	50	50	38	48	57	63	45	49	70	65	70	70	67	62	33	38	28	35	48	46	44	44	44	45	42	47		50.8
	MIN	33	45	25	21	25	32	29	19	22	30	29	24	27	30	32	30	27	31	18	13	18	8	18	18	21	22	21	19	25	12		24.1
DRAKE	MAX	56	59	51	45	43	50	38	34	34	55	36	38	64	63		70	60	56	36	32	28	27	38	35	38	27	32	39	40	39		43.6
	MIN	31	43	22	19	19	29	30	19	25	31	31	29	30	31		33	35	24	18	16	17	8	20	25	24	17	25	19	18	18		24.3
DUNN CENTER	MAX	62	61	50	54	48	49	36	46	55	62	34	43	69	66	67	71	66	58	35	38	29	36	48	44	45	41	41	44	45	47		49.7
	MIN	29	31	23	15	15	29	29	16	16	22	28	22	22	26	25	30	23	21	15	10	11	6	10	22	18	19	20	22	20	17		20.4
ECKMAN	MAX	51	52	49	45	43	51	38	37	37	53	37	37	59	68	70	68	58	53	36	35	31	34	32	33	41	33	32	40	37	38		44.3
	MIN	30	34	19	16	18	25	20	22	21	23	32	22	21	24	30	29	25	25	21	11	10	8	20	25	20	11	19	21	21	4		20.9
EDGELEY EXP FARM	MAX	42	64	59	51	41	44	38	41	45	57	42	40	61	70	65	72	66	69	41	37	25	26	39	41	40	30	26	35	39	39		46.2
	MIN	30	38	27	13	15	18	25	27	19	29	32	21	23	31	30	32	36	29	22	24	22	23	15	28	27	16	17	21	23	19		24.4
EDMORE 1 W	MAX	53	50	46	38	45	42	43	37	54	50	41	61	61	60	61	58	61	45	37	33	30	31	32	35	33	28	33	35	37	37		43.6
	MIN	32	35	22	14	19	23	26	18	21	25	30	24	28	30	28	38	26	22	18	11	20	16	18	24	21	10	17	20	16	7		22.0
ELBOWOODS	MAX	62	60	50	50	50	46	44	45	61	54	42	64	64	67	70	63	55	40	39	38	36	45	44	43	39	39	42	41	44	44		49.4
	MIN	35	38	25	18	23	33	31	18	27	28	27	21	28	30	26	34	36	27	22		24		24	24	24	29	23	26	20	15		26.3
ELLENDALE	MAX	66	60	56	44	44	38	43	49	54	45	42	58	65	66	74	67	70	54	38	32	26	30	44	42	38	36	34	38	44	38		47.8
	MIN	32	40	28	15	15	21	25	28	17	28	33	20	22	29	28	34	30	29	26	23	22	20	13	28	20	16	18	14	25	16		23.8
ENDERLIN	MAX	50	64	61	48	41	45	39	44	44	56	42	43	60	63	67	67	67	70	42	38	28	28	40	38	30	29	26	30	35	33		45.6
	MIN	29	38	24	9	13	19	23	19	16	16	33	23	25	25	28	33	33	30	29	26	24	19	27	28	25	15	19	19	15	10		23.1
EPPING	MAX	55	49	52	49	51	45	40	45	58	46	47	60	63	59	66	63	51	40	37	31	34	46	43	38	38	37	42	40	43	40		46.9
	MIN	32	35	20	24	30	32	32	17	27	29	29	28	29	37	36	36	29	22	15	12	16	9	28	21	17	30	22	28	23	21		25.5
FARGO WB AIRPORT	MAX	63	60	46	39	41	44	44	44	54	41	41	52	58	61	64	63	73	43	37	31	27	30	35	32	30	26	29	31	34	30		43.4
	MIN	38	34	20	15	21	26	27	20	20	29	35	28	36	33	42	40	38	30	29	26	24	23	22	24	22	21	22	25	17	13		26.7
FESSENDEN	MAX	59	54	47	40	48	39	38	33	57	40	39	64	64	67	68	60	64	45	34	31	26	29	35	37	33	30	36	42	40	36		44.5
	MIN	35	42	18	14	22	30	30	18	19	29	30	27	25	32	27	34	34	25	21	16	21	6	21	26	19	17	18	15	14	14		23.3
FORMAN	MAX	63	62	52	40	45	42	44	45	57	48	44	57	62	67	66	65	71	64	38	27	27	29	42	38	34	27	30	35	35	34		46.3
	MIN	37	35	20	17	18	26	20	19	18	29	35	28	30	31	34	35	37	31	27	24	24	15	20	29	27	18	19	20	15	7		24.8
FORT YATES	MAX	64	57	54	46	49	45	35	51	62	50	37	62	67	66	75	69	68	57	35	31	27	32	45	44	39	43	41	46	48	44		49.6
	MIN	40	41	26	19	30	29	29	26	26	29	30	26	32	26	31	35	42	29	21	24	21	0	25	22	24	29	25	25	25	18		26.8
FOXHOLM 7 N	MAX	55	55	48	48	52	48	40		60	55		68	66	66	67	61	61	45	35		33	36	38	40	42	31	39	38	41	36		48.3
	MIN	38	44	24	14	28	34	31			32	34	28	32	34	30	27	25	26	20	23	14	5	27	27	22	19	29	23	27	14		26.1
FULLERTON	MAX	65	59	51	45	44	39	43	47	55	47	42	57	65	66	72	67	70	62	38	32	26	27	42	41	38	27	32	36	39	33		46.9
	MIN	34	41	27	15	13	27	26	29	19	28	34	22	29	30	29	39	31	28	25	25	23	20	15	30	27	19	19	21	23	14		25.4

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GACKLE	MAX	61	51	49	41	45	36	39	42	58	47	35	66	65	67	68	63	64	47	45	34	25	24	41	36	31	30	38	41	38	44		45.7
	MIN	37	37	24	19	26	27	24	29	26	30	30	22	34	35	33	37	36	30	27	21	21	10	18	26	21	16	24	26	21	17		26.1
GARRISON	MAX	54	59	49	50	44	50	35	29	34	55	35	35	62	62	58	70	60	57	36	34	28	22	37	38	40	38	34	38	41	44		44.3
	MIN	31	36	23	21	20	28	28	13	16	29	30	27	28	30	31	29	31	30	17	15	16	8	9	26	22	23	25	25	24	21		23.7
GRAFTON STATE SCHOOL	MAX	58	55	50	37	40	40	43	43	50	45	41	55	61	63	62	62	61	47	38	33	27	30	35	32	31	26	29	31	38	35		43.3
	MIN	36	37	28	15	19	24	28	22	23	28	33	27	28	33	30	43	31	29	26	20	19	22	18	24	23	15	20	21	20	10		25.1
GRAND FORKS CAA AP	MAX	57	56	42	38	40	41	43	43	50	40	41	50	57	60	59	59	64	41	37	32	27	30	35	31	29	26	29	34	35	25		41.7
	MIN	36	36	20	15	21	26	25	22	22	26	34	29	30	34	34	38	36	29	22	22	23	21	20	21	18	18	20	23	18	12		25.0
GRANO FORKS UNIVERSITY	MAX	58	57	45	38	39	42	43	44	51	43	42	51	59	60	59	59	65	46	37	31	28	30	35	32	32	25	28	30	37	26		42.4
	MIN	39	40	29	16	22	28	29	22	23	29	35	32	32	37	36	38	36	29	24	23	24	21	19	23	23	19	21	23	18	14		26.8
GRAND RAPIOS 1N	MAX	63	60	50	42	45	41	44	44	53	43	44	56	66	65	72	67	69	48	39	33	27	32	43	41	37	28	33	38	41	37		46.7
	MIN	33	40	20	14	16	25	27	26	18	23	34	24	31	26	27	31	35	25	25	23	22	21	15	29	27	16	21	20	14	8		23.9
GRANVILLE	MAX	58	53	49	46	52	47	39	35	55	42	37	67	66	70	71	60	56	44	41	30	30	32	32	40	34	32	41	40	40	34		45.8
	MIN	35	42	32	18	37	35	30	19	22	31	32	29	38	36	30	38	27	29	20	13	22	1	21	25	22	18	27	18	26	10		26.1
GRENORA	MAX	55	54	54	50	51	50	45	51	61	52	47	59	61	62	66	55	48	41	37	33	35	37	36	47	43	39	40	42	41	42		47.8
	MIN	31	33	18	15	29	34	25	19	21	30	29	29	33	32	38	33	23	23	13	11	12	13	10	32	19	28	22	31	24	26		24.5
HANKINSON R R STATION	MAX		64	62	49	41	42	44	46	45	59	44	43	65	62	67	70	65	75	45	39	31	29	32	42	35	32	27	30	38	37		46.9
	MIN		44	29	18	17	18	23	17	19	20	31	18	24	31	31	35	39	32	20	25	21	22	18	28	25	16	18	22	21	18		24.1
HANNAH	MAX	58	48	42	38	44	40	42	37	50	36	40	65	61	64	62	58	55	39	34	27	27	32	31	32	29				37	39		43.2
	MIN	26	36	24	15	22	24	27	25	23	24	30	25	30	31	30	33	27	22	25	12	20	20	17	25	12				14	8		23.2
HANS8ORO	MAX	53	49	42	39	47	39	38	34	49	41	39	66	65	64	68	59	49	34	30	27		31	31	34	31	29	36	36	40	38		42.7
	MIN	37	36	25	14	21	26	31	22	22	26	31	28	24	37	29	36	27	22	14	21		19	18	25	17	14	21	20	18	13		23.9
HETTINGER	MAX	65	54	52	48	49	47	43	56	64	40	39	67	64	66	71	66	65	39	25	28		41	43	40	41	44	43	42	46	47		49.5
	MIN	35	28	22	21	30	33	29	21	32	29	27	27	34	33	36	34	38	17	10	13		6	33	25	23	24	19	28	23	22		25.9
HILLSBORO	MAX	61	57	46	39	41	42	43	44	51	47	41	51	57	65	61	60	70	59	38	33	27	29	35	33	31	25	29	30	38	28		43.7
	MIN	34	37	30	19	18	24	27	20	18	28	34	28	27	34	30	36	37	30	26	24	25	22	19	25	24	15	20	22	13	16		25.4
JAMESTOWN CAA AP	MAX	60	58	50	40	44	38	43	38	62	39	42	63	66	66	68	65	70	42	40	27	25	31	38	38	32	27	35	40	35	38		45.3
	MIN	37	32	20	14	20	25	27	18	17	31	27	25	28	32	27	40	33	27	22	22	21	16	15	28	18	21	20	20	17	14		23.8
JAMESTOWN STATE HOSP	MAX	60	58	49	38	43	38	42	37	62	48	40	63	65	61	67	65	69	49	35	32	25	29	38	38	39	25	35	41	36	38		45.5
	MIN	37	44	26	15	20	25	28	28	18	32	33	27	31	33	29	41	34	28	23	22	22	19	17	29	25	20	23	21	20	13		26.1
KENMARE	MAX	54	56	48	45	44	50	37	39	43	59	36	40	67	62	65	66	57	51	35	34	32	29	37	33	40	37	34	37	37	41		44.8
	MIN	35	44	26	22	21	30	32	22	26	28	32	32	35	39	40	42	27	24	19	12	12	11	28	26	21	21	25	28	27	20		26.9
KENSAL WILOLIFE REFUGE	MAX	63	58	50	46	43	41	41	40	63	56	41	65	69	66	70	64	70	48	36	33	26	32	39	40	34	28	36	42	37	42		47.3
	MIN	38	37	24	11	22	26	28	22	19	31	27	24	27	30	27	36	30	25	18	18	22	18	18	27	24	14	17	18	18	12		23.6
LANGDON EXP FARM	MAX	53	49	43	36	42	39	43	38	51	45	40	62	61	64	62	58	50	41	34	30	25	31	30	33	30	27	32	35	37	38		42.0
	MIN	31	35	24	15	21	24	27	23	23	26	30	26	32	32	34	37	30	22	23	11	20	19	19	24	22	13	17	23	12	9		23.5
LARIMORE	MAX	58	55	46	37	46	41	43	42	59	44	40	51	65	65	62	60	63	45	35	32	26	32	36	35	31	25	31	31	38	33		43.6
	MIN	35	38	27	17	18	28	27	25	22	32	33	33	37	36	29	42	32	28	23	22	23	20	18	25	23	15	21	23	24	15		26.4
LEEOS	MAX	55	50	45	40	49	40	39	34	53	42	41	62	61	66	65	56	51	45	35	30	30	32	35	37	30	29	36	41	36	32		43.2
	MIN	42	39	20	15	23	24	33	18	23	29	32	29	26	36	28	40	38	26	22	12	22	12	23	24	18	15	15	20	21	12		24.6
LINTON	MAX	64	58	61	54	50	44	35	45	58	47	37	63	68	68	71	68	67	53	38	32	26	27	43	39	36	39	40	46	45	43		48.8
	MIN	29	36	27	21	27	29	28	30	25	24	31	25	28	27	31	35	33	29	19	23	23	- 6	12		21	22	26	25	20	15		24.7
L1S8ON	MAX	62	54	50	45	45	43	44	41	56	43	43	57	62	64	67	66	70	70	42	38	28	26	40	40	35	25	30	35	33	30		46.1
	MIN	38	36	24	12	12	18	22	19	15	30	34	20	20	25	23	34	38	28	29	23	22	17	19	27	24	15	19	19	17	11		23.0
LDSTWOOO 12N	MAX																																
	MIN																																
MAOOOCK AGR SCHODL	MAX	53	50	45	40	48	40	39	33	53	46	40	59	60	64	64	57	57	45	35	32	27	30	37	35	33	27	35	40	34	35		43.1
	MIN	35	40	26	15	21	27	31	19	21	30	31	22	27	34	29	38	28	23	20	16	21	13	20	26	22	19	19	19	21	12		24.2
MANOAN EXP STATION	MAX	50	62	53	50	46	50	36	33	37	58	37	34	59	67	64	73	66	62	37	32	27	25	41	41	42	37	37	38	43	43		46.0
	MIN	35	44	29	19	26	29	29	23	22	30	31	24	27	29	28	33	36	32	20	21	23	2	3	26	22	26	30	25	27	20		25.7
MANOAN FT LINCOLN PARK	MAX	65	57	53	47	51	44	36	40	60	52	36	63	68	67	74	67	64	50	35	28	28	29	43	42	38	38	39	45	47	43		48.3
	MIN	38	36	24	18	29	28	27	25	24	33	29	22	29	28	28	37	33	28	16	19	20	1	19	24	20	25	27	23	22	18		25.0
MARMARTH	MAX	67		53	56	50	43	50	56	62	47	59		62	66	69		56	40	29	27	28	43	38	44	42	46	45	44	48			48.8
	MIN	32		20	15	22	32	33	23	28	23	30		28	26	27	26	28	29	14	5	15	6	16	24	20	35	18	31	26			23.4
MAX	MAX	50	57		53	50		34	35	35	50				63		68	62	58	35	35	24	28	34		40	40	34	40	38	40		43.6
	MIN	37	34		18	20			20	26	30				28		34	34	30	17	12		6	6	18	22	20	30		24	20		23.1
MAYVILLE	MAX	61	57	47	38	41	47	44	43	54	44	45	55	62	65	63	61	68	56	45	36	32	36	34	31	31	26	29	31	34	32		44.9
	MIN	38	35	28	17	20	23	28	24	20	32	34	28	29	35	30	40	36	30	26	23	24	22	19	26	26	21	22	25	18	16		26.5
MC CLUSKY	MAX	60	50	46	40	48	40	37	37	55	44	35	65	61	62	67	61	60	42	32	29	29	27	35	37	32	29	38	39	38	38		43.8
	MIN	34	38	25	21	25	30	28	19	18	29	29	25	31	37	35	45	35	28	18	16	20	4	19	25	19	17	25	20	22	25		25.4
MC HENRY 5 N	MAX	57	53	45	37	43	40	41	34	61	44	40	63	64	65	64	60	65	47	34	31	24	31	35	36	33	25	32	36	35	35		43.7
	MIN	35	33	25	15	19	16	26	20	22	30	32	27	30	35	33	37	30	27	22	15	21	20	20	26	17	15	12	20	18	12		23.7
MC LEOO 3 E	MAX	65	64	55	42	43	45	45	46	58	49	45	63	60	57	68	69	73	69	44	35	30	31	40	40	38	25	28	32	37	35		47.7
	MIN	28	41	26	15	18	21	22	18	20	29	31	29	30	32	30	33	39	30	28	20	22	19	19	28	23	14	18	23	16	9		24.4
MEOORA 4 NNE	MAX	69	63	53	52	51	47	50	56	64	53	50	63	68	59	70	68	61	44	38	30	35	52	48	45	43	47	45	43	48	46		52.0
	MIN	31	41	21	15	31	35	34	17	25	25	22	32	30	34	25	35	22	30	15	8	18	5	37	25	18	36	17	27	21	17		25.0
MINOT CAA AP	MAX	57	54	45	44	50	39	36	32	58	40	37	66	64	64	69	58	51	35	35	29	27	34	38	39	31	33	37	38	40	38		43.9
	MIN	37	32	24	18	29	34	30	22	29	31	32	35	38	40	35	43	28	28	20	15	22	9	26	26	22	25	24	27	26	20		27.6
MINOT EXPERIMENT STATION	MAX	56	52	45	44	50	45	36	35	55	50	35	65	64	63	69	58	53	47	33	28	29	31	36	38	35	31	36	39	39	37		44.5
	MIN	34	40	21	17	28	32	29	20	26	30	31	31	34	37	34	39	28	26	15	13	21	6	26	25	21	23	28	22	26	19		26.1
MOFFIT 4 SE	MAX	60	56	52	49	50	45	36	40	61	56	36	66	62	69	70	65	65	52	36	32	27	29	40	39	39	33	38	45	50	43		48.0
	MIN	36	43	21			28	29	28	25	31	31	23	31	26	30	35	38	29	19	22	23		19	22	24	25	17	24	21	17		26.6
MOHALL	MAX	51	51	45	43	51	45	43	37	52	39	37	60	62	73	70	63	52	37	34	31	30	36	35	39	32	31	37	37	37	33		44.1
	MIN	37	41	20	17	26	34	31	22	24	28	32	29	25	35	31	41	25	24	18	13	25	8	26	23	19	25	24	13	16	7		24.6
MOTT	MAX	67	58	56	48	48	46	40	57	64	48	39	64	67	67	72	67	66	47	34	29	34	42	46	44	42	44	42	42	47	47		50.6
	MIN	31	38	20	16	26	30	28	17	24	25	28	[illegible]	29	25	31	25	27	29	14	11	20	3	29	17	21	27	17	25	18	13		22.8
MUNICH 4 SW	MAX	53	48	45	44	43	39	40	34	47	35	38	[illegible]	58	62	60	54	55	41	33	29	26	29	30	34	32	27	33	36	37	36		41.2
	MIN	30	37	17	14	21	24	26	18	28	23	30	24	28	33	31	36	29	22	25	15	21	17	17	25	22	14	19	21	15	10		23.1

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DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON 1 SE	MAX	62	55	52	42	46	39	35	41	57	47	35	64	64	69	68	63	65	47	44	33	25	27	41	39	36	31	37	42	40	43		46.3
	MIN	37	40	25	19	26	26	28	29	25	30	30	26	36	31	33	37	43	30	26	21	21	4	23	26	19	14	23	21	23	19		26.4
NEW ENGLAND	MAX	66	59	56	48	48	44	48	57	62	49	47	70	64	68	69	67	63	40		26	25	44	45	42	41	43	43	41	46	46		50.6
	MIN	36	38	25	18	27	31	28	19	27	29	28	21	28	29	30	28	29	29		12	17	5	27	21	19	32	18	26	22	16		24.7
NEW SALEM 1 S	MAX	67	55	53	44	49	41	33	47	58	44	34	66	67	65	71	65	62	38	32	26	26	37	43	43	40	40	38	42	45	41		47.1
	MIN	37	33	27	15	25	28	26	27	21	30	28	28	34	34	34	36	35	28	18	16	20	6	30	21	21	31	22	22	25	20		25.9
NEWTOWN	MAX	56	52	51	45	50	47	40	46	60	53	41	59	61	55	68	62	53	45	37	31	33	38	40	39	38	36	38	40	43	38		46.5
	MIN	34	40	24	20	28	32	30	18	26	30	31	24	29	31	30	39	27	26	18	13	24	6	29	23	21	29	28	26	24	18		25.9
OAKES	MAX	47	62	61	50	42	45	41	43	45	53	42	41	53	60	68	66	67	68	43	37	28	26	32	44	40	30	27	30	36	36		45.4
	MIN	29	37	26	15	15	21	22	22	18	22	32	25	25	26	28	35	35	29	29	25	23	22	16	29	27	16	20	16	17	2		23.5
PARK RIVER	MAX	57	54	48	37	43	42	45	42	53	46	42	60	63	65	62	60	57	47	37	33	26	33	35	33	32	26	34	34	38	34		43.9
	MIN	35	32	30	18	16	22	27	25	23	28	33	26	25	38	28	43	29	30	24	20	23	22	18	26	24	15	21	21	23	15		25.3
PARSHALL	MAX	56	52	51	45	50	47	41	47	59	41	40	63	62	58	69	60	54	43	36	30	31	39	35	39	38	34	41	39	44	41		46.2
	MIN	31	40	18	29	29	32	29	15	26	29	30	22	24	32	30	27	29	25	14	10	23	4	24	22	20	28	22	26	21	15		24.2
PEMBINA 2N	MAX	54	52	49	40	42	43	45	45	46	46	41	52	52	55	63	64	64	59	42	39	30	31	34	34	32	29	30	34	38	38		44.1
	MIN	26	39	28	11	19	25	28	25	22	26	33	29	30	31	31	41	34	26	21	15	23	23	18	25	24	11	20	26	15	9		24.5
PETERSBURG	MAX	55	54	43	42	44	39	41	40	59	49	39	58	61	65	61	57	62	57	36	30	24	32	33	35	30	24	30	33	36	35		43.5
	MIN	34	37	23	18	20	22	25	20	23	29	31	27	31	31	32	36	35	23	19	17	17	17	19	19	22	15	20	24	18	13		23.9
PETTIBONE	MAX	60	51	46	40	46	39	37	36	58	43	37	60	63	64	67	62	65	48	35	31	24	35	37	33	29			40	32	38		44.9
	MIN	33	41	21	19	26	29	29	26	22	28	30	28	30	35	34	40	36	27	22	18	21	19	25	21	21			20	20	24		26.6
PORTAL	MAX	55	52	47	45		58	36	38	41	56	35	42	67	63	68	66	55	49	33	37	33	32	39	32	37	35	33	38	41	38		44.9
	MIN	31	36	19	19	21	35	32	21	25	30	30	31	32	36	38	36	29	20	13	12	14	9	21	21	20	20	25	25	22	17		24.7
POWERS LAKE 1N	MAX	52	56	46	45	48	44	37	46	57	39		60	63	65		49	36	35	31	38	36	37	35	33	35	33	37	40	41	42		43.4
	MIN	28	36	17	21	28	30	25	16	22	29	25	26	32	33	32	26	26	12	10	3	6	10	14	22	19	26	26	26	19	15		22.0
RICHARDTON ABBEY	MAX	63	58	52	48	48	44	44	55	62	54	39	69	67	67	69	67	62	44	36	30	34	45	45	45	42	43	43	41	47	45		50.3
	MIN	37	42	27	24	28	30	27	23	30	29	28	29	37	35	36	38	34	29	21	15	20	10	34	23	20	33	22	26	26	21		27.8
RIVERDALE	MAX	52	58	50	49	45	50	36	34	38	56	35	35	64	62	64	70	60	56	36	33	28	27	39	38	40	37	33	38	39	43		44.8
	MIN	31	40	28	21	22	30	28	18	19	28	30	29	31	35	33	35	33	30	18	16	18	6	10	27	22	23	28	26	26	21		25.4
ROLLA	MAX	55	47	41	42	48	36	36	34	50	40	37	58	65	64	66	56	52	36	33	28	26	30	30	34	31	30	33	35	40	37		41.7
	MIN	36	36	23	18	24	25	30	21	20	28	29	28	30	36	29	28	20	26	25	15	20	17	20	25	16	16	21	18	18	11		23.6
RUGBY	MAX	54	49	47	41	49	45	39	34	50	48	38	61	61	65	66	60	57	49	34	32	29	[illegible]	33	36	36	31	36	41	35	37		44.1
	MIN	34	40	23	18	24	32	32	19	24	29	32	26	30	37	32	37	32	26	23	17	22	10	22	25	23	20	24	22	17	12		25.5
SAN HAVEN	MAX	53	45	42	39	47	39	36	31	48	42	35	55	65	63	63	58	58	45	33	28	26	28	30	36	31	35	33	35	41	34		41.8
	MIN	33	36	28	21	21	28	28	19	23	29	29	26	32	37	38	36	34	28	26	18	21	15	15	25	20	13	22	20	18	18		25.2
SHARON	MAX	58	55	46	38	44	42	43	44	58	43	40	59	64	66	66	59	64	48	36	30	25	34	36	35	34	25	30	32	36	37		44.2
	MIN	35	38	25	19	21	22	27	21	23	30	32	28	30	36	35	38	39	26	21	20	20	20	19	26	22	14	21	23	19	13		25.4
STANLEY	MAX	52	53	43	46	44	41	38	47	51	43	39	63	60	59	65	57	47	41	34	30	31	36	37	35	34	34	38	38	41	39		43.9
	MIN	36	30	20	19	29	31	30	19	28	29	29	28	30	29	32	29	27	17	16	14	4	6	20	24	20	27	27	18	14	25		23.6
STEELE	MAX	62	55	50	43	48	41	35	38	59	44	36	64	67	69	69	64	65	53	35	32	25	29	40	40	37	30	39	42	42	43		46.5
	MIN	35	40	22	18	22	23	29	27	25	29	30	26	32	31	30	34	33	34	21	21	21	5	21	25	20	7	25	21	20	18		24.8
TOWNER	MAX	56	50	46	45	50	43	41		52	45	37	63	64	64	69	61	56	46	37	30	35	30	37	38	34	33	34	43	37	30		45.0
	MIN	35		24	16	28	31	33			22	29	25	27	34	33	33	29	25	20	22	27	5	25	22	20	24	26	25	9	15		24.6
TURTLE LAKE	MAX	60	51	49	47	50	45	37	37	55	47	35	64	63	61	70	61	58	48	34	37	28	27	38	40	39	31	36	41	42	40		45.7
	MIN	35	44	25	19	27	30	28	17	28	30	30	25	30	34	31	35	32	27	16	17	21	5	18	25	22	22	28	23	22	20		25.5
UNDERWOOD	MAX	49	57	49	46	44	50	35	33	39	54	35	34	61	62	63	69	60	56	36	32	27	25	36	39	40	36	33	38	38	42		43.9
	MIN	30	39	22	21	20	27	26	16	20	27	30	24	26	31	34	35	34	27	16	15	14	6	6	25	22	22	26	25	25	22		23.8
UPHAM 3N	MAX	53	51	46	44	52	46	37	34	45	41	37	59	65	67	70	60	57	45	34	29	29	30	32	41	33	34	40	40	39	34		44.1
	MIN	33	31	21	17	26	34	30	21	23	25	32	23	26	31	28	35	26	27	21	12	23	0	7	21	23	17	22	16	12	6		22.3
VALLEY CITY	MAX	60	58	50	40	45	45	43	40	55	55	42	57	61	63	65	63	64	59	37	34	34	29	38	38	35	28	31	33	36	36		45.8
	MIN	39	37	27	15	19	20	25	26	17	34	35	29	33	33	29	41	40	29	24	24	25	23	18	28	27	18	15	24	20	8		26.1
VELVA	MAX	57	53	45	45	51	45	39	36	55	43	37	68	64	64	69	61	55	43	35	29	28	31	38	39	34	30	39	40	39	38		45.0
	MIN	38	43	23	18	30	34	31	20	26	32	33	32	30	34	30	41	27	30	21	13	23	5	24	27	21	21	29	22	24	15		26.6
WAHPETON STATE SCHOOL	MAX	68	65	52	42	42	43	45	50	57	51	43	53	59	66	68	67	74	67	41	34	33	31	41	36	34	27	28	31	48	32		47.6
	MIN	36	42	24	11	17	23	24	19	16	29	31	27	33	29	38	37	42	31	32	26	25	20	20	28	24	18	12	24	14	10		25.4
WASHBURN	MAX	59	52	49	45	50	46	38	37	56	49	36	59	64	64	71	64	59	46	36	29	28	29	42	42	37	33	38	42	43	39		46.1
	MIN	36	43	25	21	29	31	29	18	29	31	32	27	30	37	33	37	30	30	18	17	22	3	22	26	23	27	29	26	26	22		27.0
WATFORD CITY	MAX	62	55	52	50	52	46	42	55	62	48	49	64	64	62	69	61	53	39	39	30	34	49	40	41	39	42	43	43	44	45		49.1
	MIN	36	38	24	22	29	34	33	18	27	31	31	33	33	35	38	37	27	27	17	10	18	9	32	24	22	24	27	30	31	22		27.3
WATFORD CITY 14 S	MAX		51	55	52	53	49		55	64	58	51	67	66		71	62	58	42	39	31	36	51	46	44	43	46	46	43	48	47		50.9
	MIN		32	23	24	34	34		18	24	30	23	31	29		33	31	28	29	16	8	19	8	37	22	19	33	21	31	25	18		25.2
WESTHOPE	MAX	52	48	45	41	51	38	35	35	46	37	35	55	62	63	69	58	53	36	35	30	28	29	30	40	32	35	38	37	33	35		42.0
	MIN	34	33	17	20	25	32	28	20	23	24	29	23	26	33	32	35	27	23	20	11	21	6	17	22	20	21	20	17	13	5		22.6
WILLISTON WB CITY	MAX	57	55	50	50	52	44	41	49	59	45	49	62	60	57	68	59	49	35	37	33	35	46	38	42	40	41	43	43	44	44		47.6
	MIN	38	33	23	24	35	35	27	18	28	32	31	30	32	36	37	38	28	25	20	12	17	12	32	26	23	31	24	29	28	23		27.6
WILLOW CITY	MAX	52	50	45	42	51	40	38	36	50	39	38	60	61	65	66	57	60		34	30	29	30	33	36	32	35	36	40	34	36		43.3
	MIN	34	35	22	10	24	33	30	18	21	27	31	19	21	29	24	34	23		20	10	20	6	8	21	15	17	18	19				21.8
WILTON RR STATION	MAX		58	50	46	42	48			39	54	38	33	61	60	64	68	62	57	34	30	25	24	38	38	38	35	44	45	42	40		44.9
	MIN		28	28	21	22	28			19	28	29	24	25	35	34	39	34	26	11	17	20	4	9	25	22	21	26	22	27	19		23.8
WISHEK	MAX	64	63	53	46	44	38	34	40	58	50	36	63	66	66	68	64	65	55	35	32	25	30	41	39	38		37	42		45		47.8
	MIN	34	36	22	21	21	20	22	25	30	27	29	21	28	23	25	31	30	23	16	19	18	1	15	22	21		13	16		13		22.2

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
NOVEMBER 1953

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
RIVERDALE	EVAP	.07	.10	.06	.05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–
	WIND	130	119	160	57	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–

Table 7

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL							1.2											T			0.4						T	T			
	SN ON GND							1											T			T										
AMENIA	SNOWFALL																				3.0	2.0		T		1.0						
	SN ON GND																				3	5	4	4	4	5	5	5	5	4	4	
AMIDON	SNOWFALL							T				T							1.0	0.3				0.3				T		T		
	SN ON GND																		1	1	1	1	1					T				
ASHLEY	SNOWFALL						T														0.5	0.5	T				T					
	SN ON GND						T														1	1	1				T					
BEACH	SNOWFALL																		T					T				T	T	T		
	SN ON GND																															
BELCOURT INDIAN RES	SNOWFALL							T														–					–					
	SN ON GND																					T					T					
BELFIELD	SNOWFALL							T											T										T			
	SN ON GND																															
BEULAH	SNOWFALL						T														0.5											
	SN ON GND						T														1	–	–	–								
BISBEE	SNOWFALL							T														T					T					
	SN ON GND							T														T	T	T			T					
BISMARCK	SNOWFALL						T	T	T													3.0	T	T	T	T	T					
	SN ON GND						T	T														3	3	3	1	1	T	T	T			
BISMARCK WB AP	SNOWFALL						T	0.7	T										T		1.1	2.1	0.2			T	T	T				
	SN ON GND						T	T														3	3	2	1	1	T	T	T	T	T	
	WTR EQUIV																					0.3	0.3	0.3								
BOTTINEAU	SNOWFALL							0.3	1.2													0.4	0.3				0.7	0.4	T			
	SN ON GND							T	2	1												T	1	1	1	1	1	1	1	1	1	
BOWBELLS	SNOWFALL																										1.0					
	SN ON GND																										1	T	T	T	T	
CARSON NO. 2	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
CENTER	SNOWFALL							0.2											T			3.5					–		T			
	SN ON GND							T	T										T			4	3	2	1	T	T	T	T	T	T	
CROSBY	SNOWFALL						T																									
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL						T	0.1													1.2	0.3		T	T	T	1.0		T			
	SN ON GND								T													2	1	1	1	T	1	1	1	1	1	
DICKINSON CAA AP	SNOWFALL						T	0.2											T					T								
	SN ON GND							T											T	T												
DICKINSON EXP STA	SNOWFALL							T																	T							
	SN ON GND																															
DUNN CENTER	SNOWFALL							T	T																							
	SN ON GND							T																								
EDMORE 1 W	SNOWFALL								T													1.5										
	SN ON GND																					2	–	–	–	–	–	–	–	–	–	
ELLENDALE	SNOWFALL																				5.5	2.5	T				2.0	T	T			
	SN ON GND																				5	7	7	7	6	5	6	5	4	3	2	
FARGO WB AP	SNOWFALL																				4.5	2.0		T	T	T	T		T			
	SN ON GND																					6	6	6	5	5	5	5	5	5	4	
	WTR EQUIV																					0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	
FORT YATES	SNOWFALL						T	T													0.2	0.5	T									
	SN ON GND																				T	T	T	T	T							
FOXHOLM 7 N	SNOWFALL							T																			1.5	T				
	SN ON GND																										2	2	–	–	–	
FULLERTON	SNOWFALL																				8.6		T				3.8	T	T			
	SN ON GND																				7	4	T	T	T	T	3	3	2	2	2	
GARRISON	SNOWFALL							1.1														0.2		0.2					T			
	SN ON GND							1	1													T	T	T								
GRAFTON STATE SCHOOL	SNOWFALL																				0.5	3.0	T			T		T	T			
	SN ON GND																				1	4	4	4	4	4	4	4	4	4	4	
GRAND FORKS CAA AP	SNOWFALL																				4.2	0.8		1.0		T			T			
	SN ON GND																					4	5	4	4	4	4	4	3	3	3	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GRAND FORKS UNIV	SNOWFALL																				3.5	3.0		0.5	T	T			T			
	SN ON GND																				4	7	6	5	4	4	4	3	3	3	3	
GRANVILLE	SNOWFALL							1.0														1.5		T			4.0					
	SN ON GND							1	1													2	2	2	2	1	5	4	4	4	4	
HANSBORO	SNOWFALL							T	T		T											0.1										
	SN ON GND							T														T	T	T	T	T	T	T				
HETTINGER	SNOWFALL						T	–										–	–		T			T	T							
	SN ON GND						T	T										2	2	2	2	1	1	T	T							
JAMESTOWN CAA AP	SNOWFALL							T	T												1.4	0.3				T	4.0	T				
	SN ON GND																					2	2	2	1	1	2	5	3	2	2	
KENSAL WILDLIFE REF	SNOWFALL								T												1.0	–					3.0					
	SN ON GND								T												1	1					3	2	1	1	1	
KILLDEER B NW	SNOWFALL						T																									
	SN ON GND						T																									
MANDAN EXP STA	SNOWFALL						T	0.2	T											T		3.5	T					T				
	SN ON GND																					4	4	3	2	2	1	1	1	T	T	
MAYVILLE	SNOWFALL																				3.2	0.2		0.2		T	T					
	SN ON GND																				3	3	3	3	3	3	3	2	2	2	2	
MC CLUSKY	SNOWFALL							T														3.0					3.0					
	SN ON GND																					3	3	2	T	T	3	2	1	1	1	
MC HENRY 5 N	SNOWFALL																				T	1.5					1.0					
	SN ON GND																				T	1	1	T	T	T	1	1	1	1	1	
MEDORA 4 NNE	SNOWFALL						T												T				T		T				T			
	SN ON GND																															
MINOT CAA AP	SNOWFALL						T	0.4														1.0	T			T	2.5	T				
	SN ON GND							T	T													1	1	T	T	T	1	2	2	2	2	
MINOT EXP FARM	SNOWFALL							0.3														1.0					2.5					
	SN ON GND							T	T													1	1	1			3	2	1	1	1	
MOHALL	SNOWFALL							T														T					4.0		T			
	SN ON GND																										4	3	2	2	–	
MONTPELIER	SNOWFALL								T												1.0	0.7		T			3.5		T			
	SN ON GND																				1	2	2	1	1	1	4	3	2	2	2	
MOTT	SNOWFALL																		2.0				T						T			
	SN ON GND																		1	1	1											
MUNICH 4 SW	SNOWFALL								T													1.5										
	SN ON GND								T													2	2	2	1	1	1	1				
NAPOLEON 1 SE	SNOWFALL						0.1	T	T												1.0	1.0	T	T			1.0					
	SN ON GND						T	T	T												1	2	2	1	1	1	2	1	T	T	T	
OAKES	SNOWFALL																					5.5		0.3			3.0	1.5				
	SN ON GND																					6	–	–	1	1	4	6	–	–	4	
PARSHALL	SNOWFALL						T	T														T	T	T			T					
	SN ON GND																															
PETERSBURG	SNOWFALL																					2.0										
	SN ON GND																					2	2	2	2	1	1	1	1	1	1	
PETTIBONE	SNOWFALL						T	0.1													1.0	T		T			–					
	SN ON GND						T														1	–	–	–	–	–	–	–	–	–	–	
PRETTY ROCK	SNOWFALL							2.0													–	1.0	T	T		T			T			
	SN ON GND							1	1	1	1										–	1	1									
RICHARDTON ABBEY	SNOWFALL						0.2	0.2											0.1			T	0.1									
	SN ON GND						T	T											T													
RIVERDALE	SNOWFALL							1.0	T													0.5	T				T	T				
	SN ON GND							1	1	T	T	T										1	1	T			T	T				
ROLLA	SNOWFALL							T														0.6				T	T	T				
	SN ON GND							T														1	T	T	T	T	T	T	T	T	T	
SAN HAVEN	SNOWFALL							T														0.7					0.6					
	SN ON GND							T	T													1	1	1	T	T	1	1	1	T	T	
SHARON	SNOWFALL																				2.0	2.0		T			0.5		T			
	SN ON GND																				2	4	4	2	1	1	2	2	2	1	1	
UPHAM 3 N	SNOWFALL						T	1.5	0.5													2.0					5.0					
	SN ON GND							–	2	1												2	1	1			5	5	4	3	2	
VALLEY CITY	SNOWFALL																				*	5.5		0.3		0.8	3.0	0.7				
	SN ON GND																				–	–	–	–	–	–	–	–	–	–	–	
WAHPETON STATE SCHOOL	SNOWFALL																				4.0	6.0					2.0					
	SN ON GND																				4	8	7	5	5	5	6	6	6	5	4	
WESTHOPE	SNOWFALL							T														0.5					4.0					
	SN ON GND																					1	–	–	–	–	4	–	–	–	1	
WILLISTON WB CITY	SNOWFALL						T											T	T				T						0.1			
	SN ON GND																		T	T												
WILLOW CITY	SNOWFALL							T														1.0					2.0					
	SN ON GND																					–	–	–	–	–	–	–	–	–	–	

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Adama 7 S	0022	Waleh	10	48 20	98 06	-		6P	Myroe J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Haumae	3
Almoet 7 SW	0138	Mortoe	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose	0189	Divide	12	46 58	103 28	2058		5P	Soo Line Agent	3
Ameeia	0198	Case	11	47 00	97 13	880	8S	8S	Virgil L. Gehcke	2 3 5 7
Amidoe	0209	Slope	1	46 28	103 18	2810	8A	8A	Virginia M. Zuedel	2 3 5 7 C
Aetler	0263	Bottineau	12	48 58	101 20	1540		M10	W. R. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 58	97 30	980	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	40 02	98 22	2025	BS	S6	Soo Line Agent	2 3 6 7 C
Balfour	0492	McHenry	12	47 57	100 32	1815		M10	Raymoed K. Meller	C
Balta	0300	Pierce	11	48 10	100 02	1550		6P	F. B. Chidester	9
Saetry	0518	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberte	3
Beach	0580	GoldenValley	7	46 55	104 01	2814	6A	8A	Relen Tohias	2 9 5 7 C
Belcourt Indian Res.	0628	Relette	8	48 50	89 45	1960	5P	5P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0838	Stark	4	48 53	103 11	2592	7P	7P	Carl Iedergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph B. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Moet. Oak. Otil. Co.	3 7 C
Sishee	0786	Towner	2	48 37	99 22	1600	6P	8P	Robert J. Krick	2 3 5 7
Siamarck	0814	Burleigh	6	46 48	10D 48	1870	9A	9A	Adolph Krein	2 3 5 7
Siamarck WB Airport	0819	Burleigh	8	46 48	1D0 45	1650	MIO	MIO	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	48 51	100 33	17D9		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.O. Sch. of Frstry	2 3 5 7
Bowbelle	0961	Burke	12	48 48	102 15	1953	8A	8A	Felia L. Adams	2 3 5 7
Bowman Court House	D895	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	281D		6P	Hernard L. Domagnla	3
Bowmae 3D NNW	1001	Slope	7	46 S5	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		M10	Frank B. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Heedrickson	C
Burt 16 N	1216	Bettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Caedo	1288	Towner	2	48 29	99 12	1481		MIO	Harry B. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MIO	Vinceet Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexaeder Madieoe	2 3 5 7
Cavalier	1435	Pembina	8	48 48	97 38	888	6P	6P	Willie Bansen Pico	2 9 5
Ceeter	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heiez	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Suedell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Oeland M. Marsoe	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Banawalt	3
Crosby	1871	Oivide	12	48 54	103 18	1954	6P	6P	Vereoe V. Nichols	2 3 5 7 C
Oawson	2018	Kidder	8	46 52	99 45	1730		M10	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MIO	M1D	O.9. Weather Bureau	2 3 5 6 7 C
Oickinsoe CAA AP	2183	Stark	4	46 48	102 48	2595	M10	M10	O.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	9tark	4	46 53	102 48	2460	7A	7A	Oickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred B. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Duee Center	2S65	Duee	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckmae	2472	Bettineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.O. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Oavis	2 3 5 7
Elhowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	H. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Oickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 98	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Heachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		M1D	Lyle O. Ferieg	C
Fairfield	2809	Billings	7	47 11	1D3 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	M1D	M1D	O.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil B. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sieclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunbam	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargeet	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	O.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		M1D	Elmer Sthhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alie	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		M1D	Frederick J. Aehorn	C
Glen Ullin 13 N	S501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MIO	Ida Bonderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	James Marr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	M10	M10	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	M10	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grane	3676	Renville	12	48 37	101 35	1625		M1D	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		M10	Sam Charchenko	C
Grassy Butte 1D N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3796	Williams	8	48 37	1D3 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	2695		M1D	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisse	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1088	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		M10	Belee Bensoe	C
Baenah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	O.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles H. Disher	2 3 5 7
Barvey 3 NE	4013	Wells	11	47 45	98 53	1596		6P	H. J. Reynolds	3
Hayees 5 NE	4073	Adams	1	48 00	102 22	2550		M10	Hazee Evans	C
Bazelton R R Station	4083	Emmons	8	46 29	10D 17	1978		M1D	V. G. Shaw	C
Hettinger	4178	Adams	3	48 0D	102 38	2680	6P	6P	Fred O. Forthue	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	D. J. Gerbracht	C
Billsboro	4203	Traill	10	47 24	87 04	801	8P	6P	Alfred Jahnke	2 3 5
Burdsfield	4343	Wells	5	47 27	88 55	1815		M1D	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	88 41	1492	MIO	M1D	O.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	88 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Keeeeth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. H. Eckherg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	144D	5P	5P	O.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		8P	Leoeard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 38	100 37	1457		MIO	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	88 57	1870		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	87 38	1134	5P	5P	Hennie Engen	2 9 5
Leeds	5078	Benson	2	48 17	8B 28	1515	8P	8P	John Fager	2 3 5
Lefor 10 E	5D88	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1885	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Hansom	11	48 26	87 42	1089	5P	5P	N.O. Soldiers Home	2 3 5
Litchville	5230	Harnes	11	48 39	98 11	1467		6P	William H. Rugh	3
Lostwood 12 N	5320	Burke	12	48 93	102 24	2250	6P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5478	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morten	8	46 47	100 52	1700	6P	8P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MIO	Oonald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	3. P. Grane	2 3 5
Marmarth M.O.O. Co.	5575	Slope	7	46 18	103 55	2710		MIO	E. H. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy H. Keesler	3
Max	5638	McLean	8	47 48	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	87 18	975	8P	6P	H. A. Ragax	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Slmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 58	-		MIO	L. S. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	15D8	7P	7P	C. R. Hlaeky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	87 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5784	Nelson	10	47 48	98 10	1487		6P	H. H. Keiefel	3
Medina 1 W	5788	Stutsman	8	48 53	89 19	1785		6P	Rudolph Graf	3
Medora	5803	Billings	7	48 55	103 31	2270		MIO	Jay J. Eaton	C
Medora 4 NNE	5813	Hillings	7	46 88	103 30	2250	SP	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1825		MIO	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	M10	MIO	U.S. Civil Aero Adm	2 3 8 7
Minot Exp. Sta.	5993	Ward	12	48 10	101 18	1720	8P	6P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	8015	Burleigh	8	48 40	100 14	1780	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	8P	9P	Iver Johnson	2 3 5 7
Montpelier	8105	Stutsman	5	46 42	88 35	1379		6P	Rolf Hanson	3 7
Mott	8155	Rettinger	1	46 23	102 20	2420	8S	8S	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	8195	Cavalier	2	48 38	88 53	1588	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	48 29	88 46	1955	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Bettinger	1	48 33	102 52	2821	6P	6P	Aeton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	89 18	1550		6P	Richard Steinhach	3
New Salem 1 S	6385	Morton	4	46 50	101 25	2163	6P	8P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 58	102 28	1805	8P	8P	Erwie A. Ventsch	2 3 5
Noonan	8455	Divide	12	48 53	103 01	1880		8P	George Koetek	9
Northgate	6535	Burke	12	48 00	102 16	1850		MID	U.S. Customs Stn.	C
Nortonville	6585	La Moure	5	48 33	98 44	1508		8P	Henry L. Erickson	3
Oakes	6620	Oickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	888	5P	5P	Martin Severson	2 3 5
Parshall	8867	Mountrail	8	47 57	102 08	1829	6P	6P	C. E. Shuhert	2 3 5 7
Pembina 2 N	6947	Pembina	10	48 00	97 14	790	4P	M10	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 D7	98 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	88 54	1572		6P	Jerry W. Tangeey	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Rerhert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Rauh	7405	McLean	8	47 44	102 04	1335		M1D	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzieger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		M1D	George F. Gehres	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	9. C. Schelleehaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		M1D	Oavid E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3
9haron	7986	9teele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		M1D	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. 9imon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Renry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		M10	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.5. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	CLOSED - - - - -	10/20/53
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren D. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		M10	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	1475		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Helen Sanstadt	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		M1D	Washburn Water Wks	C
Watauga, S. O. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		M1D	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	8333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	M1D	M1D	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	8575	9tutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	8635	Williams	8	48 34	1D3 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 8. Knife 7. Little Missouri 8. Missouri 8. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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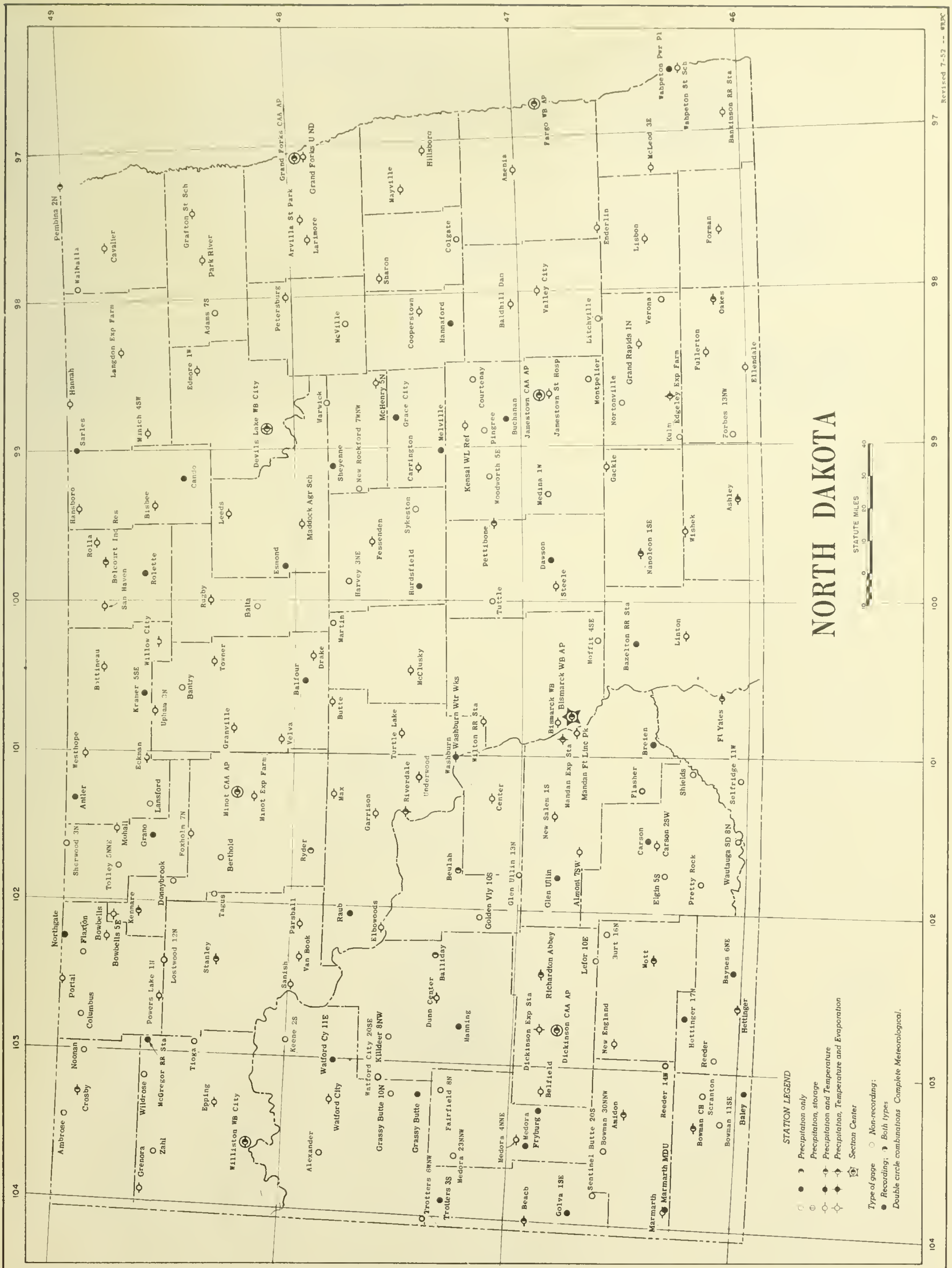
WRPC, KANSAS CITY, MO., -- 1-25-54 -- 900

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

MAR 5 1954

DECEMBER 1953

Volume LXII No. 12

~~NAT. HIST.~~

KANSAS CITY: 1954

NORTH DAKOTA - DECEMBER 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

December was another warm month, being the warmest December since 1943. Precipitation was above normal with heaviest snow in the east and north-central portions of the state. There were no severe storms making it a very pleasant month for most outdoor activities.

The mean temperature for the state was 20.4° which is 6.4° above normal. The eastern division averaged 17.0 degrees which is 4.3 degrees above normal; the middle division averaged 20.4 degrees which is 7.1 degrees above normal, and the western division averaged 23.8 degrees which is 7.7 degrees above normal. The highest temperature reported in the state was 51 degrees at Hettinger on the 18th and the lowest temperature was 28 degrees below zero at Wahpeton on the 16th. The mean temperatures ranged from 27.9 degrees at Marmarth to 13.4 degrees at Grand Forks.

Precipitation over the state averaged 0.61 inch which is 0.13 inch above normal. The eastern division averaged 0.73 inch which is 0.19 inch above normal; the middle division averaged 0.60 inch which is 0.15 inch above normal, and the western division averaged 0.51 inch which is 0.06 inch above normal. Grassy Butte reported 1.37 inches for the greatest amount for the month. Nine hundredths of an inch was the least amount reported at a station 12 miles east of Bismarck. Much of the precipitation fell as snow which ranged from a total of 16.5 inches at Wahpeton to 0.9 inch 14 miles north of Reeder. The average snowfall for the state was 6.2 inches. The eastern division averaged 8.2 inches, middle division 5.7 inches, and western division 4.6 inches.

Quite a heavy snow cover developed over most of the east and north-central portions of the state during the month except for the extreme northeast corner of the state; snow averaging around 5 to 8 inches prevailed in most of these sections but ranged up to 10 to 16 inches at a few places. This snow cover resulted in relatively colder weather than was reported from the rest of the state. Even so the temperature averaged above normal in these areas. The west and south-central portions of the state in general enjoyed the most favorable weather during the month. Temperatures considerably above the normal kept snow cover to a minimum with many sections nearly free of snow during much of the month. There were very few days with any heavy drifting and therefore roads remained in generally good condition throughout the month. The Missouri River froze over at Bismarck on the 17th which is later than normal. Livestock were maintained in good condition because of the favorable weather. Yard feeding was generally necessary but some range feed was obtained at least in southwestern portions of the state. --C.J.S.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	18	10.9	47	NW	15	81	79	71	77	14	6	2	0	0	0	22	48	7.0
DEVILS LAKE WB CITY	-	-	8.9	31	NW	31	-	-	-	-	14	6	4	0	0	0	24	43	7.0
FARGO WB AIRPORT	SSE	19	16.1	49	W	24	80	80	77	82	13	9	2	0	0	0	24	62	6.6
WILLISTON WB CITY	-	-	7.6	31	W	25	78	79	73	74	6	7	1	0	0	0	14	39	7.0

COMPARATIVE DATA

Table 1

DECEMBER

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	7,1	80	-39	0.57	7.7	4
1893	4.7	55	-36	0.85	8.4	6
1894	19.1	70	-32	0.29	1.6	2
1895	13.8	82	-32	0.31	2.6	3
1898	18.4	53	-35	0.36	2.6	3
1897	10.8	69	-35	0.22	2.2	3
1898	12.1	51	-38	0.24	2.1	3
1899	12.8	60	-26	0.32	3.3	3
1900	17.3	58	-29	0.31	3.0	4
1901	12.4	61	-43	0.74	7.2	5
1902	7.8	49	-35	0.51	4.2	4
1903	11.6	57	-33	0.77	7.2	6
1904	14.2	55	-43	0.65	6.2	5
1905	15.3	55	-34	0.16	1.6	4
1906	8.4	48	-40	1.09	10.7	6
1907	20.1	68	-26	0.30	3.1	3
1908	14.4	62	-37	0.36	3.7	3
1909	5.2	54	-42	1.28	12.1	7
1910	12.9	56	-34	0.43	4.6	4
1911	14.9	61	-33	0.35	4.5	4
1912	18.9	72	-28	0.43	4.0	4
1913	22.7	61	-21	0.06	0.3	1
1914	5.4	57	-42	0.47	5.7	4
1915	15.8	57	-27	0.52	5.4	5
1916	2.7	61	-50	1.18	13.9	5
1917	0.7	58	-44	0.59	7.4	6
1918	18.5	65	-41	0.88	9.9	5
1919	7.4	49	-38	0.47	4.8	3
1920	15.2	59	-32	0.32	3.2	3
1921	18.5	59	-33	0.41	3.9	4
1922	8.5	55	-34	0.68	7.4	5
1923	22.2	62	-36	0.32	3.6	3
1924	2.9	58	-46	0.44	5.3	4
1925	16.5	67	-38	0.28	2.6	3
1926	9.2	55	-36	0.56	5.5	3
1927	1.8	43	-38	0.80	8.7	5
1928	20.7	57	-30	0.32	3.2	3
1929	12.5	59	-38	0.81	9.9	5
1930	19.9	53	-30	0.19	2.0	3
1931	21.0	58	-21	0.23	2.7	2
1932	12.4	60	-31	0.20	1.7	3
1933	8.6	62	-38	0.90	9.7	6
1934	12.6	53	-44	0.30	3.9	5
1935	12.6	51	-34	0.50	5.6	5
1936	15.0	59	-36	0.43	5.5	4
1937	11.4	51	-33	0.54	6.5	6
1938	18.2	55	-41	0.32	4.1	4
1939	26.7	70	-20	0.28	2.3	4
1940	19.8	59	-36	0.42	4.0	4
1941	22.5	66	-20	0.15	1.8	3
1942	10.9	53	-30	0.53	7.1	7
1943	21.5	65	-22	0.12	1.0	2
1944	15.8	50	-27	0.06	0.9	1
1945	7.0	56	-38	0.64	8.8	6
1946	13.3	55	-35	0.58	6.2	6
1947	14.2	54	-36	0.42	5.5	4
1948	10.4	59	-35	0.70	9.7	7
1949	8.6	61	-38	0.65	8.3	6
1950	10.0	54	-39	0.57	7.4	6
1951	6.1	56	-38	0.73	7.8	8
1952	19.3	56	-16	0.17	2.2	3
1953	20.4	51	-28	0.61	6.2	7

Averages for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		26.6	5.5	16.1	3.3	41	31	-23	17	1512	0	18	31	10	.69	.17	.14	10	11.0	8	29+	9	0	0
ARVILLA STATE PARK		26.8	4.6	15.7		41	31	-27	16	1524	0	22	31	13	.54		.15	29				9	0	0
CARRINGTON		28.5	7.0	17.8	5.2	43	11	-14	29+		0	20	31	7	.83	.42	.27	10	8.2	6	30+	7	0	0
CAVALIER		26.1	6.0	16.1	5.6	43	31	-21	29	1512	0	21	31	9	.26	-.43	.10	15		3	15+	5	0	0
COOPERSTOWN		27.6	6.6	17.1	4.1	40	31	-24	16	1479	0	21	31	9	.80	.22	.29	10	12.0			7	0	0
DEVILS LAKE WB CITY	R	25.0	7.0	16.0	4.8	40	1	-21	29	1513	0	23	31	9	.88	.40	.33	10	11.4	7	15+	10	0	0
EDGELEY EXP FARM		30.0M	10.7M	20.4M	5.4	46	2	-7	16+		0		31	5	.28	-.21	.10	4	2.2	1	1+	8	0	0
EDMORE 1 W		25.6	3.6	14.6	4.1	40	1	-24	16	1556	0	24	31	11	.39	-.15	.13	11		5	30	6	0	0
ELLENDALE		32.2	11.1	21.7	5.4	49	19	-6	16	1338	0	15	31	8	.80	.34	.28	3	9.1	7	5+	10	0	0
ENDERLIN		27.1M	7.4M	17.3M		43	26	-24	16		0		31		.93		.33	4	13.0	16	29	5	0	0
FARGO WB AP	R //	23.4	6.0	14.7	1.8	40	31	-27	16	1556	0	24	31	9	.70	.10	.29	3	8.6	8	29	11	0	0
FORMAN		27.4	8.6	18.0	2.7	42	31	-16	16	1449	0	19	31	9	.86	.30	.19	4	9.5	8	15+	7	0	0
FULLERTON		30.3	10.6	20.5	5.3	45	31	-7	16	1374	0	14	31	7	1.17	.40	.48	3	11.7	7	5+	9	0	0
GACKLE		31.7M	12.8M	22.3M	7.8	44	10			1337	0	13	31		.47	.02	.10	28	4.0	3	29	8	0	0
GRAFTON STATE SCHOOL		25.5	5.5	15.5	4.8	40	24+	-23	16	1528	0	24	31	9	1.05	.52	.29	29	11.1	8	11+	9	0	0
GRAND FORKS CAA AP	R	22.6	4.2	13.4	2.4	40	31	-22	16	1594	0	24	31	10	1.03	.41	.26	28	10.3	7	30+	14	0	0
GRAND FORKS UNIV		23.3	6.6M	15.0M	4.0	40	19+	-22	16	1551	0	24	31		.57	-.05	.10	15	6.8	7	29+	12	0	0
GRAND RAPIDS 1 N		31.1	8.4	19.8		46	19	-13	16	1394	0	14	31	9	.64		.12	29	4.5	4	15+	9	0	0
HANKINSON R R STA		28.0M	6.8M	17.4M	-.3	41	20	-21	16+		0	20	31	10	.91	.39	.45	4				5	0	0
HANNAH		24.7M	3.1M	13.9M	6.3	44	1	-25	29+	1584	0	25	31	11	.34	-.25	.15	10	2.9	1	15+	7	0	0
HILLSBORO		25.8	6.7	16.3	4.3	41	31	-20	30	1505	0	22	31	10	.70	.06	.21	10	7.6	4	4	10	0	0
JAMESTOWN CAA AP	R //	28.7	9.7	19.2	5.3	44	10	-12	15+	1412	0	18	31	9	.71	.06	.30	28	5.8	2	15+	11	0	0
JAMESTOWN STATE HOSP		29.8	11.3	20.6	6.7	45	10	-9	29	1369	0	16	31	7	.47	-.18	.13	12	2.2			8	0	0
KENSAL WILDLIFE REF		30.9M	8.2M	19.6M		46	10	-15	16	1398	0	17	31	12	.75		.20	10	9.0	4	15+	7	0	0
LANGDON EXP FARM		23.8	4.2	14.0	5.2	40	1	-24	29	1577	0	25	31	11	.49	-.14	.14	10	4.5	3	29+	10	0	0
LARIMORE		26.3	7.1	16.7	5.2	41	31	-20	16+	1493	0	21	31	9	.90	.34	.17	11+	12.1			8	0	0
LISBON		28.8	6.8	17.8	3.0	40	1+	-24	16	1455	0	19	31	10	1.04	.53	.29	3				6	0	0
MAYVILLE		25.5	7.5	16.5	3.2	39	19+	-22	16	1500	0	23	31	9	1.16	.64	.30	10				14	0	0
MC HENRY 5 N		26.3	6.6	16.5	5.7	39	31	-22	16	1498	0	23	31	9	.70	.21	.35	10	6.7	7	28+	9	0	0
MC LEOD 3 E		28.5	5.5	17.0	1.9	42	31	-26	16	1481	0	17	31	12	.95	.49	.29	4	10.4			6	0	0
MUNICH 4 SW		23.7	3.9	13.8		42	1	-25	29	1582	0	25	31	10	.59		.17	10		7	30	7	0	0
OAKES		26.8	6.0	16.4	.2	41	2	-14	16		0	19	31	9	.78	.28	.25	4	8.2	6	5+	10	0	0
PARK RIVER		26.0	7.3	16.7	5.6	40	31	-21	16	1495	0	23	31	9	.57	.06	.22	10	7.0	4	11+	7	0	0
PEMBINA 2 N		25.8	4.2	15.0	8.0	40	24+	-25	30	1545	0	22	31	10	.12	-.50	.09	25	1.0	1	25+	2	0	0
PETERSBURG		24.8	5.6	15.2		39	31	-24	16	1535	0	24	31	10	.61	.13	.16	15		5	15+	8	0	0
SHARON		25.7	6.6	16.2	4.0	39	31	-20	30	1509	0	23	31	10	1.05	.57	.28	10	10.5	8	29	8	0	0
VALLEY CITY		28.6	9.8M	19.2M	4.7	41	31	-22	16	1408	0	16	31		.72	.14	.20	28	8.6			6	0	0
WAHPETON STATE SCHOOL		26.9	5.2	16.1	.3	40	24	-28	16	1511	0	19	31	11	1.33	.83	.56	3	16.5	11	15+	9	1	0
DIVISION				17.0	4.3										.73	.19			8.2					
MIDDLE DIVISION																								
ASHLEY		32.8	12.3	22.6	7.8	46	1	-7	22	1308	0	12	31	5	.25	-.25	.11	20	1.8	1	3+	7	0	0
BELCOURT INDIAN RES		27.1	4.5M	15.8M		43	19	-25	29	1527	0	22	31	11	.48							7	0	0
BISBEE		25.0	5.7	15.4	5.7	43	1	-23	29	1535	0	23	31	10	.46	.03	.16	10		6	28+	5	0	0
BISMARCK		34.6M	16.8M	25.7M	10.0	49	7	-8	17		0		30		.26	-.22	.06	13	1.0	1	13+	8	0	0
BISMARCK WB AP	R //	33.4	13.7	23.6	8.1	48	6	-9	17	1279	0	12	31	5	.41	.01	.12	12+	4.0	1	13	8	0	0
BOTTINEAU		24.3	5.4	14.9	6.6	38	2	-15	30		0	23	31	7	.59	.12	.13	11	6.5	7	30+	11	0	0
BUTTE		29.4M	7.3M	18.4M	3.6			-12	16		0		31		.43	-.06	.20	29	3.0	3	29+	3	0	0
CARSON NO. 2		35.5M	13.2M	24.4M	7.8	47	2	-4	22		0		31	3	.59	.11	.30	16		3	16+	7	0	0
CENTER		34.5M	12.8M	23.7M	7.3	48	6	-13	17	1287	0		31	4	.64	.20	.10	27	5.5	1	10+	13	0	0
DRAKE		28.8M	8.6M	18.7M	3.3	42	7	-9	29+		0		31	7	.86	.45	.21	11				7	0	0
ECKMAN		27.7	3.6	15.7	5.4	45	7	-18	30		0	21	31	10	.65	.18	.20	11	7.0	5	15+	5	0	0
FESSENDEN		29.5	8.7	19.1	7.3	42	10	-11	30	1413	0	20	31	9	.87	.31	.34	10	5.0	4	28+	6	0	0
FORT YATES		37.6	16.4	27.0	7.8	50	31	-8	17	1169	0	9	31	4	.31	-.07	.10	21	4.1	2	16+	6	0	0
FOXHOLM 7 N		32.3	11.8	22.1	7.9	48	6	-10	29	1325	0	13	31	7	.88	.37	.36	10	6.8	5	29	7	0	0
GARRISON		31.5	10.9	21.2	6.8	46	7	-8	17+		0	16	31	6	.52	.04	.18	10	5.0	3	29+	9	0	0
GRANVILLE		30.5	9.7	20.1	7.1	44	6	-9	17+	1383	0	14	31	8	.81	.35	.44	10	7.0	8	28+	5	0	0
HANSBORO		26.9M	5.9M	16.4M	7.2	48	1	-25	29	1495	0		31		.52	-.02	.20	15	6.6	4	15+	5	0	0
LEEDS		27.3	7.5	17.4		43	1	-20	29	1469	0	23	31	9	.93		.31	10+	10.4			8	0	0
LINTON		35.8M	11.3M	23.6M	8.3	48	31	-11	23	1279	0		31		.32	-.07	.15	27	3.5			4	0	0
MADDOCK AGR SCHOOL		28.6	8.4	18.5	7.1	42	1	-16	29+	1436	0	19	31	8	1.01	.58	.41	10		7	30	8	0	0
MANDAN EXP STATION		33.8	13.5	23.7	8.6	47	7	-8	17+		0	12	31	5	.30	-.15	.10	13	2.0	1	16+	8	0	0
MANDAN FT LINCOLN PARK		36.9	13.2	25.1		49	6+	-7	17	1233	0	11	31	7	.14		.06	21	1.1	1	21+	5	0	0
MAX		30.6M	8.3M	19.5M	5.1	45	7	-12	30		0		31	8	1.06	.66	.50	29	9.0	8	29+	6	1	0
MC CLUSKY		30.7	11.2	21.0	7.3	45	31	-10	29	1356	0	17	31	7	1.01	.49	.27	27	4.0	2	15+	9	0	0
MINOT CAA AP		29.1	12.1	20.6	7.5	47	6	-11	22	1368	0	17	31	7	.70	.24	.24	28	7.3	5	29+	10	0	0
MINOT EXP STATION		30.5M	13.0M	21.8M		44	6			1331	0	17	31	6	.78		.34	10	7.5	6	29	7	0	0
MOFFIT 4 SE		34.9	14.0	24.5		48	10	-7	17	1248	0	10	31	5	.28		.07	12+	4.3	2	16+	8	0	0
MOHALL		29.0	9.2	19.1	7.4	45	6	-15	29	1418	0	18	31	10	.77	.35	.27	26	5.9	5	28+	8	0	0
NAPOLEON 1 SE		32.8	12.5	22.7	9.3	45	10	-9	17+	1304	0	14	30	7	.36	-.09	.10	27	2.4	2	28+	9	0	0
NEW SALEM 1 S		33.3	14.1	23.7	7.5	47	6	-11	17	1271	0	11	31	4	.47	-.04	.12	20	6.8	3	16+	9	0	0
PETTIBONE		32.9									0		31		.33	-.11	.10	28	2.3	2	28+	5	0	0
RIVERDALE		31.6	11.9	21.8		45	2+	-7	30		0	15	31	5	.70		.21	10	3.5	1	5+	8	0	0
ROLLA		26.5	5.2M	15.9M	5.7	44	1	-24	29	1526	0	21	31	10	.58	.09	.12	15	7.7	8	28+	9	0	0
RUGBY		28.5	7.8	18.2		42	1+	-16	29	1448	0	18	31	10	1.10	.63	.39	10		9	30	13	0	0
SAN HAVEN		26.7	7.9	17.3	7.0	42	19	-19	29	1472	0	23	31	8	.75	.32	.18	10	10.6	9	30	11	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STEELE	34.4	10.8	22.6	9.4	47	10	- 7	17	1306	0	11	31	7	.17	- .32	.06	28	1.9	1	28+	4	0	0
TOWNER	28.3	7.2M	17.8M	6.6	42	31	-12	29	1468	0	19	31		.61	.12	.24	28	11.0	13	28+	5	0	0
TURTLE LAKE	32.7	13.0	22.9	9.6	45	6	- 9	29	1300	0	13	31	6	.64	.18	.27	10				9	0	0
UNDERWOOD	31.4	8.8M	20.1M	3.9	45	7+	- 8	29+		0	17	31	7	.62	.19	.21	10	6.4	4	29+	9	0	0
UPHAM 3 N	30.0	6.0M	18.0M		43	6+	-17	29	1456	0	18	31		.57		.24	10	11.0	6	26+	9	0	0
VELVA	31.2	12.0	21.6	6.6	44	6	-10	17	1338	0	15	31	6	1.15	.68	.49	10	9.5	8	29+	7	0	0
WASHBURN	34.7	14.7	24.7	9.2	48	6	- 6	29	1241	0	12	31	3	.57	.14	.14	1	3.3	2	27+	11	0	0
WESTHOPE	26.5	5.0	15.8	5.6	40	1+	-21	30	1522	0	20	31	10	.61	.19	.30	29	9.5	6	29	4	0	0
WILLOW CITY	26.6	1.7M	14.2M	5.0	44	6	-19	17+	1582	0	20	31	13	.77	.17	.30	10	8.0	6	30	9	0	0
WILTON R R STA	31.5M	11.5M	21.5M	6.7	45	2	- 8	17+		0	14	31	5	.35	- .10	.13	13				6	0	0
WISHEK	33.4M	9.3M	21.4M	6.5			-10	17	1333	0		31		.29	- .14	.13	27				4	0	0
DIVISION			20.4	7.1										.60	.15			5.7					
WESTERN DIVISION																							
ALMONT 7 SW	35.3	15.5	25.4		48	6	- 4	22	1221	0	9	31	5	.44		.09	12+	5.1	2	15+	7	0	0
AMIDON	35.3	14.0	24.7	5.6	47	13+	-10	22		0	11	31	4	.40	.01	.10	21+	4.3	2	16+	6	0	0
BEACH	35.7	14.3	25.0	6.6	48	19+	- 7	22		0	9	31	4	.62	.15	.15	21		3	27+	11	0	0
BELFIELD	35.4M	14.3M	24.9M	5.1	48	19	-10	17	1230	0	11	31		.56	.08	.18	20	4.0			5	0	0
BOWBELLS	30.9M	9.7M	20.3M	7.4	49	7	- 9	29+		0		31	7	.84	.46	.43	29		7	29+	5	0	0
BOWMAN COURT HOUSE	37.9	16.3	27.1	9.5	50	12+	- 4	21+	1165	0	6	31	3	.27	- .08	.09	20				4	0	0
CROSBY	29.8	11.8	20.8	7.9	42	6+	- 8	17	1364	0	19	31	4	.44	- .06	.26	28	4.7	3	28+	7	0	0
DICKINSON CAA AP	34.6	14.5	24.6	7.8	47	19	- 5	22	1249	0	10	31	4	.42	- .04	.16	20	2.4	1	16+	12	0	0
DICKINSON EXP STA	36.1	13.1	24.6	7.8	48	20	- 9	17		0	11	31	7	.23	- .23	.07	21		1	16+	9	0	0
DUNN CENTER	33.8	9.6	21.7	3.7	46	1+	-15	17+		0	14	31	5	.47	.06	.18	21	3.9	2	21+	7	0	0
ELBOWOODS	36.1M	13.0M	24.6M	8.7	49	7	-20	17	1251	0		31	6	.64	.24	.25	10		2	15+	7	0	0
EPPING					47	7				0		31		.35	- .10	.20	10				3	0	0
GRENORA	36.3M	12.7M	24.5M	12.2	47	6			1242	0		31		.28	- .24	.10	27	3.4	1	3+	6	0	0
HETTINGER	37.0	15.6	26.3	8.0	51	18	- 5	22	1191	0	8	31	3	.31	- .06	.16	20				6	0	0
KENMARE	31.2	11.7	21.5	7.3	48	7	- 8	29+		0	16	31	5	.74	.31	.32	29				4	0	0
LOSTWOOD 12 N	30.2	9.7	20.0		47	6	-10	29	1387	0	15	31	7	.49		.23	28	5.9	4	28+	6	0	0
MARMARTH	39.5M	16.3M	27.9M	9.4	49	12+			1149	0		31	3	.41	.01	.19	29	5.0	3	29.	6	0	0
MEDORA 4 NNE	38.6	14.2	26.4		48	6+	-10	17+	1191	0	6	31	3	.32		.08	20	5.6	1	2+	11	0	0
MOTT	37.7	13.0	25.4	9.6	50	18+	-12	17	1221	0	8	31	2	.18	- .30	.05	20+	3.2	2	21+	5	0	0
NEW ENGLAND	37.0	15.0	26.0	8.6	49	19	-11	17	1202	0	8	31	3	.23	- .17	.06	20	2.3			7	0	0
NEWTOWN	32.5	13.4	23.0	9.5	47	6	-16	17	1296	0	14	31	5	.78	.33	.20	15	8.6	4	16+	9	0	0
PARSHALL	32.3	10.3M	21.3M	6.8	48	6	-15	29	1347	0	15	31	6	.70	.29	.30	10	3.6	3	26+	8	0	0
PORTAL	30.0	9.2	19.6	7.0	47	7	- 9	29+		0	18	31	9	.51	.06	.31	29	7.0	4	29+	4	0	0
POWERS LAKE 1 N	29.7M	7.2M	18.5M	2.7	47	6	-16	17	1439	0		31		.40	- .14	.25	28	6.0	5	28+	3	0	0
RICHARDTON ABBEY	36.4	16.2	26.3	10.1	47	1	- 4	17	1191	0	8	31	4	.41	- .01	.08	20	4.3	1	16+	10	0	0
STANLEY	30.3	8.0	19.2		45	6	-15	16	1412	0	15	31	6	.71	.26	.27	10	3.5	4	29+	7	0	0
WATFORD CITY	34.2	15.6	24.9	9.6	47	6	- 6	17	1237	0	11	31	3	.97	.44	.52	10	5.4			6	1	0
WATFORD CITY 14 S	37.8	15.5	26.7		50	19	- 9	17	1180	0	6	31	3	.91		.44	10				6	0	0
WILLISTON WB CITY R //	32.9	15.9	24.4	8.7	48	6	- 3	22	1250	0	12	31	3	.62	.08	.35	10	4.6	1	10+	8	0	0
DIVISION			23.8	7.7										.51	.06			4.6					
STATE			20.4	6.4										.61	.13			6.2					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
DECEMBER 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.64		T	T		T	T				.20	.01	.10	.02		T										.13			.16	T		
ALEXANDER	.56		T							T	.27		.05			.06	T				.06						.05	.04	.03			
ALMONT 7 SW	.44		T	T		T				T			.09	T		.07	.04				.09	.08					T	.04		.03		
AMBROSE	.40									T	T	T			.10												.06		.20	.04		
AMENIA	.69			.08	.05	T					.14	T	.09	.08		.10										T		.02	.04	.09	T	T
AMIDON	.40		.05	T	T	T					T	T	T				.06	T			.05	.10						.04	.10	T	T	
ARVILLA STATE PARK	.54				.05	T					.07	.02	.05	.02		.11										.05				.15	.07	
ASHLEY	.25		T	.01	.01	.05							.03	.01							.11							.03				
BALTA	.89		T		T					T	.50	.05		.05		.04											.13		.17			
BANTRY	.69										T	.33			.07													.14		.15		
BEACH	.62		.02	.02							.01	.01	.03	T			.10				.05	.15		T				.14	.04	.05		
BELCOURT INDIAN RES	.48		.01								.16		.05			.15										T		T	.10		T	.01
BELFIELD	.56		T	T	.06						.08		T	T		.12					.18			T	T		.12					T
BERTHOLD	.75		T	T	T					T	.32		.01			.02	.01			T		.01					.03	.04	.29	.02		
BEULAH	.38				.04			.03				.02	.05			.08					.11							.05				
BISBEE	.46		T			T					.16		.03			.11												.09	.07			
BISMARCK	.26		T			T					.03		T	.06	T	.02	.04	T			.04	.02	T					.03	T	.02		
BISMARCK WB AIRPORT R//	.41	T	T	T	T	T				T	.02	T	.12	.12	T	.02	.01	T			.07	T				T	.03	.02	T	T	T	
BISMARCK 12 ENE	.09										T		.05	T	T	T	.01				T	T				.01			.02			
BOTTINEAU	.59			T		.01					.03	.13		.12		.09	T	T					T	T			.02	.06	.01	.08	.03	.01
BOWBELLS	.84				T	T					.13	.07		T			.02											.19		.43		
BOWMAN COURT HOUSE	.27					T				T			T				T				.09	.05						.05	T	.08		
BOWMAN 11 SE	.15									T				T							.02	.01						.01	.02	.09		
BOWMAN 30 NNW	.26		.03			T				T											T	.10							.07	.06		
BURT 16 N	.24		T			T				T			.05				.02				.10	.05						.02				
BUTTE	.43					T					.13	.10	T	T		T						T				T				.20		
CARRINGTON	.83			T		T					.27	.14		.10	T	.07												.10		.05	.10	
CARSON NO 2	.59			.02									.04	T	T	T	.30				.12	.03						.05		.03		
CAVALIER	.26		T		.03					T	.08	T			T	.10								T		T	.02	T			.03	T
CENTER	.64		.03			.03					.05		.04	.06		.09	.07				.05		.05			T	.07	.10	.03	.02	T	
COLGATE	.57			.05		T					.08	T	.11		T	.17											.01		.07	.08		T
COLUMBUS	.49									T	.13					.03											.10		.23			
COOPERSTOWN	.80			T	.05	T					.29	T	.09	T		.14										T		.12	.07	.04	T	
COURTENAY	.96										.47		.23			T											.16		.10	T		
CROSBY	.44					T				T	.01				.01	.05	.01				T	T					.08		.26	.02		T
DEVILS LAKE W B CITY R	.88		T	T	T	.02			T		.33	T	.11	T	.10	.05	T	T			T	T	T	T		.02	.10	.01	.08	T	.06	T
DICKINSON CAA AP R//	.42		.05	.01	.01					T	.01		.05		.03	.02	.01				.16	.02					.03	T	T	.02		
DICKINSON EXP STA	.23		.01	T	T	.01					T		.05			.01	.01				.04	.07						.01		.02	T	
DONNYBROOK	.52										.33	.01									T										T	.18
DRAKE	.86										.17	.21			.18	.06											.01	.09		.14		
DUNN CENTER	.47			.03		T					.03	T		.09		T	.04					.18						.09		.01	T	
ECKMAN	.65										T	.20	T	.15	T	.05	T											.15		.10	T	
EDGELEY EXP FARM	.28				.10	.02	.03				.03	T		T		.02											T	.04		.03	.01	
EDMORE 1 W	.39		T	T		T	T					.13		.04		.06	T										.01			.07	.08	
ELBOWOODS	.64										.25		.04			.21					.07	.03				T	T		.06	.03		
ELGIN 5 S	.13		T	T		T			T				.04	T		T	.05	T			.04	T					T		T	T	T	
ELLENDALE	.80		.04	.28	.08	.09					T		.06	.04	T	.02	T				.07	T						.09	T	.03	T	T
ENDERLIN	.93		.03		.33									.17		.25														.15		
EPPING	.35										.20																.07		.08			
FAIRFIELD	.21		T		T					T	.09				T	.03	.04				.03							.02		T		
FARGO WB AIRPORT R//	.70	T	.01	.29	.02	T	T			T	.07	T	.02	T	T	.05	T		T			T	T			T	.03	.01	.11	.07	.07	T
FESSENDEN	.87	T	T								.34		.13	T	T	.08					T						.01	.19	.12			
FLASHER	.29					.02								.06			.09				*	.12						T				
FLAXTON	.70		T		T	T				T	.19		T	.02	T	.05	.01									T	.13	.01	.26	.02	.01	
FORBES 13 NW	.29			.10	.06			T			.02		.06	T	T		T				.03	T			T	T		.02		T		
FORMAN	.86		.07	.15	.19	T					T		T	.14		.11				T	T	T				T			.06	.14		
FORT YATES	.31		T	T		T					.02		.03	T		T	.07				.05	.10						.04	T			
FOXHOLM 7 N	.88					.05					.36		.01		T	.03	T									T		.11	.27	.05	T	
FULLERTON	1.17		.03	.48		.16							T	.04		.08		.02			T	.06				T		.22		.08		
GACKLE	.47			T		.04					T		.09	.09							.02					.03		.01	.10	.09		
GARRISON	.52			T		.02					.18	.03		.05		.01	.01	T	T			.02					T	.09		.11	T	
GLEN ULLIN 13 N	.36		T							T	T		.13				.07				.06						.06	.04	T			
GOLDEN VALLEY 10 S	.49						T	T		.05	.06		.19		T	.05	.07				.02								.02	.03		T
GRAFTON STATE SCHOOL	1.05			T	.05	.05	.01				.10	.20	.05		T	.13						T				T		T		.29	.17	
GRAND FORKS CAA AP R	1.03	T	T	.04	.04	.01	T				.12	T	.11	T	.03	.07			T		T	T	T			.03	.03	.03	.26	.16	.07	.03
GRAND FORKS UNIV	.57			T	.07	.02					.06	.04	.03	.04	T	.10						T				.06		.05	.02	.06	.02	T
GRAND RAPIDS 1 N	.64		.02	.09	.06	T	T				.10		.07	T		.08			T		T	T						.04	.06	.12	T	
GRANVILLE	.81					T				T	.44		.10	T	T	.10											.05	T	.12	T	T	
GRASSY BUTTE 10 N	1.37										.30		.10		.14						*	.40				T		.03	.30			.10
GRENORA	.28			.03									T			.01	.05										.04	.10	.05			
HALLIDAY	.44			.05		T					.08						.12				.08	.04					T	.07	T	T		
HANKINSON R R STA	.91		.04		.45										.06	.20														.16		
HANNAH	.34		T			.02					.15	T			T	.12						T		T		.01			.01		.07	.01
HANSBORO	.52		T		T	T					.06	T	T	T		.20	T				T					.10		T	.02	.14	T	
HARVEY 3 NE	.44		T								.21		.05	T		.04										T	T	.08	.06	T	T	
HETTINGER	.31					.04				.02					.03						.16	.04						.02	T	T	T	
HILLSBORO	.70			.03	.08	T				T	.21	T	.01	.08	T	.12	T					T	T			.01	.06		T	.07	.03	T
JAMESTOWN CAA AP R//	.71		T	.06	T	.01					.07		.07	.02	.07	.07	.01				T	T	T			T	.01	.02	.30	T	T	T
JAMESTOWN STATE HOSP	.47		T		.03	.02					.05		.13	T		.05	T					T					T	.06	.11	.02		
KEENE 2 S	.62					T	T			T	.25		.06		.01	.01	.05	.02			T	.05				T	.02	.14	.01		T	
KENMARE	.74										.10	.12																.20		.32		
KENSAL WILDLIFE REF	.75					.02					.20	T	.13	.03		.04												.18	.15			
KILLDEER 8 NW	.95				T					T	T		.54		T	.11					T	.12	T				T	.04	.14			
KULM	.22	T		.04	.06								.01			.03														.08		
LANGDON EXP FARM	.49		T	.02							.14	.02	T	T	.02	.10										.01		.02	T	.13	.07	.01
LANSFORD	1.01				T	.02				T	.36	.02	T	.01		.09	T						T				.17	.04	.22		.08	
LARIMORE	.90				.07	.07						.17	.17			.09										.10		.08		.15		
LEEDS	.93		.02	T		.02			T	T	.31		.03	T	T	.31	T	T								.05	.08	.11		T		T
LEFOR 10 E	.33		.03			T				T	T		.01		T	T	.10				.13	.04					.01	.01		T	T	
LINTON	.32		T	T						.04		.05	T			T	T	T			T	.08	T					.15	T			
LISBON	1.04		.11	.29		T					T		.10	.13		.25											T	T		.16		T
LITCHVILLE	.49		T	.04	.05	T					T		.11	.03		.04						T						.02	.11	.08	.01	
LOSTWOOD 12 N	.49	T		T						T	.15		T	T	T	.02	.01										.07	.01	.23	T		
MADDOCK AGR SCHOOL	1.01		.03			T				T	.41		.09	T		.10						T	T			T	T	.16	.11	.05	.06	
MANDAN EXP STATION	.30		T	T	T	.02					.02	T	T	.10	T	.01	.02				.03	.06					T	.04		T		
MANDAN FT LINCOLN PARK	.14		T								T		.01	.02	T		.01				.04	.06						T		T		
MARMARTH	.41		T	T	T	T				.02	T		.01			T					.08	.10					T		.01	.19		
MARTIN	.55			T					T				.06			.07				T									.03	.35		.04
MAX	1.06					T					.20			.06			.05					T						.20	.05	.50		
MAYVILLE	1.16		T	.02	.11	.01	T				.30	.01	.03	.11	T	.16	T									T	.04	.01	.14	.15	.03	.04
MC CLUSKY	1.01		.04								.22		.10			.07	.01					.02						.27	.09	.19		
MC HENRY 5 N	.70			T		.03					.35	T	.06	.03		.08										.02	T	.06	.05	.02	T	
MC LEOD 3 E	.95			.19	.29	.03					.04		T			.22												T	T	.18		
MC VILLE	.73					.06					.25		.15			.22										T		.05		T		
MEDINA 1 W	.24				T	T							.07			T												.05	.12			
MEDORA 4 NNE	.32	T	.01	T	T	.01				T	.02		.06		.02	.02					.08	.02	T				.04	.02	T	.02		
MEDORA 23 NNW	.44								.06		.14		.18								.01							.05				
MINOT CAA AP	.70		T		.01	.01				T	.06	T	.12	.01	.05	.04	T				T	T	T			T	.15	T	.24	.01	T	
MINOT EXPERIMENT STATION	.78					T				T	.34		.05		T	T	.02										.04	.09	.15	.09		
MOFFIT 4 SE	.28		T	T		T				T	.03		.07	.01		T	.01				T	.05				T	T	.07	.03	T	.01	
MOHALL	.77				T	T				.01	.25		T		.01	.04											.27	.01	.14	.04		
MONTPELIER	.32			.01	.01	.01					.05		.08	.02		.05						T				T		.01	.05	.03		
MOTT	.18		.03			T				T			.02		T	T	T				.05	.05					T	.03				
MUNICH 4 SW	.59		T		T	T					.17		.02			.12										.07	T	.04	T	.12	.05	
NAPOLEON 1 SE	.36					T					.03	T	.06	.02		T	.02				.03	.03				T		.10	.05	.02	T	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.23		T			.02				T			.02		.04	.02					.06		.03				T	.04	T			
NEW ROCKFORD 7 WNW	.86					.07					.20		.18														.19	T	.22	T		
NEW SALEM 1 S	.47		T								T		.08	T	T	.10	.04				.12	.05				T	.02	.02	.03	.01	T	
NEWTOWN	.78		T			.02				T	.18		.08	T		.20	.05					.03				T	.12	.03	.07			
NOONAN	.50									T						.08	.05										.11		.23	.03		
NORTONVILLE	.21			T	.12						.03					.02													.04			
OAKES	.78		.04		.25	.04	.05			T	T	T	T	.05	.04	.08					T	T					T	.03		.18	.02	T
PARK RIVER	.57		T	T	T	.03					.22	.05	.03	T		.10										T				.13	.01	
PARSHALL	.70		.01		T					T	.30		.06	T	T	.05	.01				T	T				T	.11	.03	.13			
PEMBINA 2 N	.12															.03										.09						T
PETERSBURG	.61					.04					.15		.09			.16						.02						.07	.02	.06		
PETTIBONE	.33		.02								.08		.09			T												.04	.10			
PINGREE	.65					T					.13	T	.13	.06		.14						T						.04	T.	.15		
PORTAL	.51			T	T	T					.05			T		T	.03										T	.12	T	.31	T	
POWERS LAKE 1 N	.40									T	.10				T	T						T					.05		.25	T		
PRETTY ROCK	.11		T	T						T							T				.09							T		.02		
REEDER	.18		T		T					T	T				T						.15							.03				
REEDER 14 N	.24		T	T					T	T	T	T				.03					.05	.13						.03				
RICHARDTON ABBEY	.41		.05			.02				.01	T		.05	T	T	.01	.05	T			.08	.05					T	.07	T	.02	T	T
RIVERDALE	.70			T	T	.05					.21	.04		.13		T	.02	T				.05	T				T	.14		.06	T	
ROLLA	.58		.04		T	T				.02	.10		T	.06	T	.12										.10	T	.03	.09		T	.02
RUGBY	1.10		.02			.01				T	.39		.05	.01	.02	.14	T	.01								T	.06	.09	.12	.14	.04	
RYDER	.74				T	.02					.24		.07	T	.05	T	.05				T							.15	.16			
SAN HAVEN	.75		.01	T		.02				.02	.18		.07	.06		.12											.02	.07	.10	T	.08	T
SCRANTON	.21		T			T				T	T		T			T					.17							T	.04			
SELFRIDGE 11 W	.59		T							T			.07				.15					.25						.12				
SENTINEL BUTTE 20 S	.33		.03		T						T	T	T	T	T	T	T				.10	T					.07	T	.05	.08		
SHARON	1.05				.08	.01	T				.28		.10			.25										T		.18	.05	.10		
SHERWOOD 3 N	.26	T				.01				T	.11		.03		T	.02										T	.04	.01	.04	T		
SHIELDS	.13		T	T									T			T	.08		T		T	.05										
STANLEY	.71									T	.27	.03	.08				.07											.12	.08	.06		
STEELE	.17		T								T		.04	.02		T					T	T	T			T		T	.06	.05	T	T
SYKESTON	.88			T							.25			.13	T	.08	T					T					.30		.12			
TAGUS	.37									T		.03	T	T	T							T					.04	T	.14	.14	.02	
TIOGA	.61				T					T	.35				.05			.06									.07			.08		
TOLLEY 5 NNE	.78				T				T	T	.20				T	T										T	.28		.30	T		
TOWNER	.61					.07					.10					.10												.10	.24			
TROTTERS 6 WNW	.68	T	.07	T	T						.19		.08		T	.03	T					.13	T				.04	.08		.06		
TURTLE LAKE	.64		T	T		.03					.27		.09	.06	T		.07				T	.02				T	.03	.04	.03			
TUTTLE	.33		.01			.01					.04	T	.10	.02		.03	.01				T	T	.01			T		T	.07	.03	T	
UNDERWOOD	.62			T	T	.02					.21	.03		.10			.02					.02						.10		.10	.02	
UPHAM 3 N	.57		T							.01	.24		.06	.02		.02	T									T	T	.08	.06	.03	.05	
VALLEY CITY	.72		T	.18		.01							.17	T		.14						T							.20		.07	
VELVA	1.15		T		T	T				T	.49		.17	T	T	.04	T					T				T	.12	.08	.21	.04		
VERONA	.58			.05	.04						.10		.08			.06														.25		
WAHPETON STATE SCHOOL	1.33		.03	.56	.20	T					T		T	.08		.12										T	.03	.03	.06	.22	T	
WALHALLA	.18		T								.10					.08										T					T	
WARWICK	.82			.02							.40					.20							.10				.05		.05			
WASHBURN	.57	.14	.07			.01				T	.03	.05	.05	.05			T				T	.01				T	.03	.11	.07	T		
WAUTAUGA S OAK 8 N	.20												T			.10	T				T	.10		T			T					
WATFORD CITY	.97										.52		.18								.02						.07	.11	.07			
WATFORD CITY 14 S	.91		T							T	.44		.18			T	.07				T	.05					T	.13	.04	T	T	
WESTHOPE	.61									T	.15		.06			.10														.30	T	
WILDROSE	.36					T					.11					T	.11				T								.14			
WILLISTON WB CITY R//	.62				T					T	.35		.07		.02	T	.01				.02		T			T	.07	T	.07	.01		
WILLOW CITY	.77		T			T				T	.30		.07	.03	.03	.10										T	.08	T	.08	T	.06	.02
WILTON RR STATION	.35			.01		T					.09	.01		.13		T	T	T			T	.01				T		.10		T	T	
WISHEK	.29				.04								.06								.06	T			T			.13				
WOODWORTH 5 E	.49					T					T		.12	.11		.12										T	.02	.12				
ZAHL	.34										.11			T	.01	.04	.01				T	T				T	.09		.08			

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1953

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	47	35	28	27	38	48	44	35	30	43	35	45	35	28	31	17	20	42	45	37	25	14	39	40	39	36	35	39	37	34	45	35.3
	MIN	30	20	19	10	18	22	24	11	15	27	20	22	21	11	16	-2	-2	12	29	24	-1	-4	4	30	25	17	16	17	-3	9	22	15.5
AMENIA	MAX	36	36	30	20	18	24	37	33	14	34	37	27	33	23	17	0	6	16	38	35	23	7	24	40	38	31	27	34	29	16	41	26.6
	MIN	19	29	19	11	0	11	16	9	-4	10	15	10	22	7	-1	-21	-23	-9	6	18	4	-6	-15	22	26	16	9	2	-15	-18	1	5.5
AMIDON	MAX	45	39	30	30	29	37	42	37	35	42	39	42	47	30	37	31	17	31	47	47	38	4	25	37	38	39	37	30	43	30	40	35.3
	MIN	29	24	21	20	14	19	20	12	15	21	13	17	22	7	18	3	-8	11	26	31	-4	-10	-5	25	21	15	21	13	2	5	17	14.0
ARVILLA STATE PARK	MAX	38	37	27	20	22	23	37	26	24	33	31	29	30	24	15	0	14	22	38	35	23	5	32	39	38	32	27	31	22	16	41	26.8
	MIN	21	25	18	10	-2	12	18	4	2	17	17	8	18	-1	-10	-27	-12	-4	9	23	3	-5	-8	27	28	12	-1	-1	-22	-26	-10	4.6
ASHLEY	MAX	46	40	30	26	26	34	40	33	27	43	34	40	33	29	26	12	18	33	43	36	30	13	36	40	39	33	32	37	35	29	45	32.8
	MIN	28	25	17	7	9	8	22	2	10	21	22	19	25	20	11	-3	4	2	13	26	12	-7	0	24	23	15	10	10	-5	-2	14	12.3
BEACH	MAX	43	43	35	32	32	35	43	39	35	42	42	37	46	31	37	33	19	32	48	48	35	4	23	37	41	40	38	32	40	27	37	35.7
	MIN	25	25	20	22	16	17	21	10	10	18	18	18	23	9	16	9	-4	5	23	25	-2	-7	-2	22	24	14	22	15	7	6	18	14.3
BELCOURT INDIAN RES	MAX	42	32	22	17	30	35	36	25	29	34	25	31	31	22	17	16	9	28	43	31	17	11	37	41	40	30	20	26	10	12	40	27.1
	MIN	23	19	13	4	6	8	20	7	5	12	11	1	20	12	-3	-7	-5	-2	18	13	-5	-6	-7		16	9	-1	-4	-25	-18	2	4.5
BELFIELD	MAX	43	33	32	28	34	45	39	37	39	43	35	32	28	27	26	18	40	46	48	36	34		38	38	38	38	31		32	29	41	35.4
	MIN	21	20	18	16	12	18	18	10	16	24	16	21	23	14	8	4	-10	12	22	22			10	25	22	14	9	5	-1	4	23	14.3
BISBEE	MAX	43	34	22	17	28	32	36	20	30	34	27	30	31	22	18	6	4	19	33	26	20	7	30	35	33	31	23	26	11	10	37	25.0
	MIN	27	21	17	5	6	3	18	2	3	18	9	8	21	14	-5	-12	-6	-6	13	16	-2	-8	-7	27	19	10	1	6	-23	-18	0	5.7
BISMARCK	MAX	43	48	36	28	28		49	42	35	41	39			36	30	23	13	23	38	46	36	12	23	42	47	42	36	26	42	27	37	34.6
	MIN	33	32	27	15	16		31	17	18	20	30			19	21	7	-8	3	14	30		2	4	22	32	23	15	22	-2	-2	12	16.8
BISMARCK WB AIRPORT	MAX	46	33	29	25	36	48	41	33	32	47	35	42	33	28	28	13	21	35	44	36	20	15	39	42	40	34	28	41	13	31	47	33.4
	MIN	31	29	15	10	19	15	16	10	11	27	22	22	27	16	6	-1	-9	1	13	20	0	-2	3	27	26	18	14	11	-2	13	16	13.7
BOTTINEAU	MAX	34	38	24	21	21	32	33	29	24	28	34	22	31	28	21	12	4	7	28	33	24	3	14	33	37	35	25	22	27	8	21	24.3
	MIN	11	23	17	5	7	8	19	3	7	10	12	10	17	17	6	-6	-10	-8	1	10	-6	-8	3	14	18	5	5	4	-14	-15	1	5.4
BOWBELLS	MAX	40	40	23	23	26	35	49	33	35	35	32	35	36	29	25	16	12	23	40	40		7	31	40	41	37	29	30	26	20	38	30.9
	MIN	19	20	15	6	6	17	26	5	8	23	17	17	25	7	6	-5	-4	3	15		-4	-1	2	31	27	15	-3	6	-9	-9	11	9.7
BOWMAN COURT HOUSE	MAX	43	36	32	30	38	44	43	35	36	43	39	50	40	32	38	29	35	50	48	41	32	17	36	38	40	38	34	42	38	35	42	37.9
	MIN	30	25	24	28	14	21	20	14	11	28	16	17	22	6	20	7	0	17	26	28	-4	-4	5	25	23	18	17	13	5	12	22	16.3
BUTTE	MAX	39	41	30	25	25		40	36	29	36	40	30		35	25	13	10	20	37		38	5	20	40				38	32	21	30	29.4
	MIN	30	30	25	6	6		15	7	10	12	14	19		12	13	-12	-3	-10	15		5	-3	1					1	-9	-9	1	7.3
CARRINGTON	MAX	38	42	32	24	20	26	40	37	25	35	43	29	29	32	24	10	6	17	34	38	30	13	17	37	39	37	30	22	31	19	29	28.5
	MIN	20	27	21	7	7	10	10	3	3	9	20	12	12	11	8	-10	-10	-3	3	12	10	-9	-3	15	27	12	4	3	-14	-14	14	7.0
CARSON NO 2	MAX	45	47	33			43	43	40	35	40	45	36	45	35	31	33	23			44	36	4	24	38	35	33	38	30	40	22	41	35.5
	MIN	24	23	25					11	11	13	15	21	15	10	15	10	2	8	20	30	2	-4	2	17	18	16	19	20	0	-1	15	13.2
CAVALIER	MAX	40	34	23	18	19	25	38	24	29	32	33	23	26	23	12	12	16	18	39	34	20	7	34	39	36	32	23	31	16	10	43	26.1
	MIN	19	22	17	10	8	15	18	9	6	15	14	4	17	10	-4	-17	-8	-1	10	20	2	-3	-8	10	28	10	6	5	-21	-20	-8	6.0
CENTER	MAX	46			26	38	48	42	35	31	44	34	42	36	29	28	16	21	43	43	37	28	13	39	38	33	35	34	40	37	31		34.5
	MIN	26	27	20	10	15	15	22	7	9	25	18	20	26	10	14	4	-13	13	18	21	-1	-4	4	25	22	15	8	17	-11	3		12.8
COOPERSTOWN	MAX	38	35	30	20	22	26	36	29	24	38	35	31	32	23	20	2	9	25	36	32	23	7	32	38	36	34	27	31	25	19	40	27.6
	MIN	27	28	17	9	4	7	20	4	5	18	17	16	22	13	-10	-24	-11	-1	13	18	-1	-8	-8	23	24	13	3	2	-19	-19	4	6.6
CROSBY	MAX	40	32	26	26	24	42	42	25	39	39	27	32	32	25	25	24	11	29	35	35	13	11	36	40	37	31	27	33	22	24	40	29.8
	MIN	30	22	10	10	14	16	24	6	10	23	13	17	24	7	15	1	-8	5	23	11	-5	-6	5	27	23	14	10	16	-4	7	6	11.8
DEVILS LAKE W B CITY	MAX	40	32	23	17	25	36	36	20	32	34	22	31	32	20	13	5	11	24	34	32	13	7	32	37	34	28	22	28	-2	17	39	25.0
	MIN	30	23	13	6	7	5	13	6	9	22	12	14	20	13	-10	-16	-6	1	21	13	-8	-10	-4	25	23	13	5	-2	-21	-5	5	7.0
DICKINSON CAA AP	MAX	45	32	29	28	38	45	38	35	43	42	36	45	33	33	28	18	28	44	47	38	10	17	38	39	37	36	27	40	26	33	44	34.6
	MIN	21	20	19	15	11	28	16	12	15	24	17	23	14	9	13	-3	-2	20	29	9	-4	-5	13	25	20	16	16	12	2	17	26	14.5
DICKINSON EXP STATION	MAX	46	47	32	30	29	40	47	39	37	44	42	37	45	32	34	30	19	31	45	48	35	5	27	39	40	39	38	31	41	29	42	36.1
	MIN	24	21	22	16	14	15	21	6	11	19	16	17	25	7	12	14	-9	-2	18	28	-1	-4	0	27	25	12	20	15	0	0	17	13.1
DRAKE	MAX	36	41	31	24	25	37	42	31	29	37	36	27		34	24	10	8	16	34	36	25	10	20	36	38	36	30	29	32	18	32	28.8
	MIN	17	17	21	2	2	14	26	6	6	14	15	15		19	9	-2	-6	-6	10	24	8	-8	1	20	25	14	-1	6	-9	-9	8	8.6
DUNN CENTER	MAX	46	46	32	27	25	40	46	39	37	40	39	32	42	30	33	27	18	24	41	43	32	7	24	39	40	37	37	30	40	25	35	33.8
	MIN	15	26	9	14	12	9	12	4	4	10	17	14	25	6	7	10	-15	-15	10	23	1	-5	1	23	25	12	12	15	-1	-2	19	9.6
ECKMAN	MAX	36	39	26	22	20	35	45	32	28	32	32	28	34	30	22	11	9	11	34	38	26	6	23	37	39	29	25	27	31	18	34	27.7
	MIN	9	21	20	-1	5	4	10	2	4	9	5	4	27	1	1	-4	-11	-11	-5	15	0	-16	-5	23	15	5	4	4	-11	-18	5	3.6
EDGELEY EXP FARM	MAX	41	46	35	25	23	22		37	27		42	33	37	32	27	14	9	21		41	36	13	15	36	43	39	35	27	35	20	29	30.0
	MIN	27	29	24	8	5	4		5	5	10	21	20	26	19	11	-7	1	0	5		12	-4	2	14	28	19	15	11	-5	-7	11	10.7
EDMORE 1 W	MAX	40	37	25	17	24	27	28	25	30	36	33	30	31	21	16	0	7	20	31	28	25	5	30	35	36	31	24	27	24	14	38	25.6
	MIN	25	21	14	4	0	4	19	-3	5	15	11	5	20	14	-4	-24	-10	-9	5	15	3	-10	-14	20	20	7	5	1	-18	-21	-9	3.6
ELBOWOODS	MAX	47	35			37	47	49	35	34	42	31	41	39	32	28	22	19	33	43	37	25	13	41	41	41	38	40	40	39	33	46	36.1
	MIN	23	25			28	24	29	4	11	22	9		29	19	8	5	-20	-3	13	18	-2	-2	-2	29	27	12	10		-4	16	24	13.0
ELLENDALE	MAX	43	39	32	26	24	22	41	26	26	43	37	39	37	28	28	8	14	25	49	36	32	14	36	42	38	34	30	35	37	30	46	32.2
	MIN	30	27	18	9	8	7	17	7	0	13	22	13	25	18	4	-6	-3	0	11	22	3	-4	-1	28	30	20	15	10	-5	-5	11	11.1
ENDERLIN	MAX	32	38	34	25	20	21	24	31	19	28	38	28	33	32	20	12	-2	17	18	40		19		39	40	43	29	29	34	17	29	27.1
	MIN	11	31	25	13	3	4	19	2	-2	1	12	11	19	7	7	-24	-14	-4	8	12	12			15	25	17	10		-10	-12	10	7.4
EPPING	MAX	38	32	26	29	35	44	47	35	40	39	36	34	31	30	30	24																
	MIN	29	20	14	13	13	18	18	8	14	21	18	22	11	12	13	12																
FARGO WB AIRPORT	MAX	37	34	31	19	21	24	35	14	15	33	26	28	30	17	17	-11	4	14	31	30	18	4	24	38	35	31	28	32	11	14	40	23.4
	MIN	29	30	19	5	7	19	12	3	1	14	18	16	12	1	-17	-27	-12	-2	10	18	-3	-8	-6	21	25	19	4	8	-19	-13	2	6.0
FESSENDEN	MAX	39	30	25	20	32	39	39	25	31	42	29	31	33	27	22	10	15	34	38	34	23	10	36	32	36	32	28	32	32	18	41	29.5
	MIN	27	23	15	1	5	8	23	1	10	25	15	16	24	17	-4	-7	-10	3	16	20	-3	-8	-7	29	25	12	1	-1	-1	-11	7	8.7
FORMAN	MAX	40	35	29	19	22	24	30	19	21	38	35	35	34	23	19	-1	10	18	32	34	25	10	23	40	38	35	32	33	31	25	42	27.4
	MIN	25	29	19	10	4	17	19	5	-4	20	18	15	23	9	-2	-16	-7	0	15	21	2	-8	-7	19	23	15	5	5	-8	-9	9	8.6
FORT YATES	MAX	47	45	34	29	36	46	44	36	32	45	39	48	41	31	31	20	19	31	49	47	32	17	41	43	43	38	36	40	40	36	50	37.6
	MIN	32	28	24	8	20	17	30	12	13	28	21	21	29	21	18	9	-8	5	9	32	4	-3	0	29	28	19	15	21	0	6	21	16.4
FOXHOLM 7 N	MAX	42	38	25	21	33	48	44	35	33	34	29	37	35	31	23	14	18	39	40	38	23	13	41	41	40	35	28	32	26	23	42	32.3
	MIN	27	23	19	7	12	14	25	3	13	25	19	18	25	7	-9	-3	-6	7	30	22	-2	-1	5	32	29	17	1	11	-10	-2	8	11.8
FULLERTON	MAX	40	38	31	24	22	21	35	34	24	41	36	38	38	26	20	7	11	21	41	36	30	13	35	40	39	37	28	34	34	20	45	30.3
	MIN	27	28	20	9	6	5	15	5	-2	13	22	13	26	20	7	-7	-1	1	11	20	5	-5	-2	27	28	18	10	11	-6	-5	10	10.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1953

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	40	38	31	21	21	40	38	33	31	44	31	36	34	29	21	11	19	34	40	34	26	11	35	41	38	34	31	36	33		41	31.7
	MIN	30	26	21	6	15	18	24			21	21	19	19	17	4		-4	-5	21	21	-2	-8	0	21	21	16	8		-11			12.8
GARRISON	MAX	41	45	29	25	25	35	46	39	33	35	42	30	37	39	26	21	13	20	32	42	32	8	20	39	40	36	31	28	35	23	30	31.5
	MIN	21	25	22	9	9	18	21	8	7	13	22	18	27	12	12	0	-8	-5	8	28	5	-4	3	19	24	17	7	7	-8	-8	10	10.9
GRAFTON STATE SCHOOL	MAX	36	37	27	19	19	23	36	28	25	30	32	24	26	24	12	0	10	14	39	32	24	6	30	40	38	30	23	31	27	10	40	25.5
	MIN	18	25	18	10	2	14	17	8	5	14	10	5	15	9	-1	-23	-8	-5	9	20	5	-5	-10	20	24	14	7	4	-21	-20	-10	5.5
GRAND FORKS CAA AP	MAX	36	34	25	17	21	23	35	19	17	30	23	26	26	15	12	-2	6	15	37	30	16	4	23	38	35	30	26	30	2	13	40	22.6
	MIN	24	23	17	4	3	17	10	3	2	13	10	11	12	3	-18	-22	-8	-5	9	16	-4	-10	-10	21	27	17	4	1	-21	-15	-4	4.2
GRAND FORKS UNIVERSITY	MAX	36	36	28	19	18	23	35	20	16	29	29	24	25	23	7	-4	0	15	40	26	24	3	22	38	36	32	23	30	19	11	40	23.3
	MIN	20	28	19	12	6	17	17	6	4	14	13	12	14	6	-4	-22	-8	-4	10	21	3	-6	-10	20	28	18	5		-20	-20	-1	6.6
GRAND RAPIDS 1N	MAX	42	37	33	26	23	23	41	24	21	44	36	36	36	29	21	7	9	24	46	35	27	12	34	43	41	37	31	35	38	27	45	31.1
	MIN	27	24	18	8	2	9	17	-1	-3	9	18	14	28	17	6	-13	-5	-1	7	18	2	-8	-7	26	26	17	10	2	-7	-8	9	8.4
GRANVILLE	MAX	40	38	25	19	33	44	39	33	32	35	29	34	34	28	23	9	17	36	30	36	23	12	38	39	38	33	26	32	22	20	40	30.5
	MIN	25	24	18	2	12	9	24	3	11	22	11	16	26	9	-3	-5	-9	3	20	21	-2	-5	-2	29	27	12	2	5	-9	-5	9	9.7
GRENORA	MAX	40			30	35	47	43	42	43	41	39	38	33	31	30	26		40	37	32			43	37	33	36	30	36	30	32	40	36.3
	MIN	21		11	15	13	19	12	7	14	14	13	21	22		10	5		7	8	10			13	14	8	14	14	21	0	12	11	12.7
HANKINSON R R STATION	MAX	39	36	37	28	20	25	38	35	20	22	40	31	30	28	28	13	10	11	24	41	37		16	35	40	38	32	29	29	5	22	28.0
	MIN	18	30	25	15	-1	10	17	8	-3	-2	19	16	20	7	5	-21	-21	-9		19	12	-5	-8	3	27	19	19	4	-7	-14	3	6.8
HANNAH	MAX	44	34	19	15	24	30	32	20	30	34	32	29	27	29	11	3	8	23	34	28	18	8	31	37	32	30		25	6	10	39	24.7
	MIN	27	19	13	4	4	10	19	9	-1		5	5	10	9	-7	-24	-8	-4	12	12	-4	-9	-11	18	19	12	4	4	-25	-20	-10	3.1
HANSBORO	MAX	48	32	20	14	29	32	36	26		34	26	31	31	20	16	6	11	29	40	31	18		35	39	35	32	22	26	10	12	40	26.9
	MIN	29	19	14	5	3	4	20	4		20	11	6	20	14	-3	-17	-7	-4	17	18	-7	-9		24	21	9	3	7	-25	-21	-3	5.9
HETTINGER	MAX	45	35	30	25	39	49	48	35	33	41	36	50	34	34	32	25	32	51	49	40	29	18	37	39	39	38	34	43	27	35	46	37.0
	MIN	29	24	23	16	15	23	21	11	13	23	17	20	15	8	19	4	-1	11	23	28	-3	-5	8	22	25	15	15	19	5	19	23	15.6
HILLSBORO	MAX	35	35	30	19	19	31	37	33	14	29	30	26	30	24	13	0	4	22	40	31	21	6	23	40	38	28	26	33	28	15	41	25.8
	MIN	20	25	19	12	3	17	23	7	-2	10	20	11	22	6	0	-17	-16	-7	9	21	6	-5	-8	18	28	20	8	2	-17	-20	-8	6.7
JAMESTOWN CAA AP	MAX	38	32	28	21	22	39	38	25	24	44	30	32	33	23	19	7	19	34	39	36	21	11	37	40	37	32	27	34	7	20	42	28.7
	MIN	31	27	16	7	6	5	11	3	5	20	19	20	21	18	-12	-12	-3	0	20	21	-4	-6	-3	29	28	19	8	7	-10	0	9	9.7
JAMESTOWN STATE HOSP	MAX	39	35	30	20	22	34	38	27	25	45	30	32	34	24	21	5	20	33	40	35	24	10	37	40	36	34	29	34	28	20	42	29.8
	MIN	27	30	18	9	9	8	27	7	6	18	21	17	24	19	0	-8	-5	3	14	23	1	-5	-2	29	28	19	10	10	-9	-7	10	11.3
KENMARE	MAX	41	41	25	23	25	35	48	34	35	35	35	30	37	30	26	17	13	25	41	39	25	8	25	42	42	38	29	31	31	23	38	31.2
	MIN	22	23	18	7	7	21	27	10	10	18	20	16	26	10	10	-3	2	5	21	21	-2	-3	2	25	28	17	2	8	-8	-8	12	11.7
KENSAL WILDLIFE REFUGE	MAX	40	38	29	22	23	39	39	28	30	46	35	31	33	25	22	10	17	36	40	32		12	37	41	37	32	29	33	29	21	42	30.9
	MIN	26	27	17	7	5	4	26	0	3	19	19	16	23	17	8	-15	-7	-2	13		0	-8	-7	28	27	16	0	-1	-12	-12	9	8.2
LANGDON EXP FARM	MAX	40	36	20	15	23	26	32	21	30	34	33	28	25	22	10	1	5	18	32	26	20	4	28	37	32	30	22	28	15	8	37	23.8
	MIN	24	20	15	4	4	9	21	1	9	17	10	8	18	10	-4	-23	-9	-2	12	14	-2	-10	-11	17	18	9	0	4	-24	-21	-9	4.2
LARIMORE	MAX	37	37	27	19	21	23	37	25	25	34	30	34	31	23	14	2	12	23	36	33	23	1	32	38	37	31	25	30	20	15	41	26.3
	MIN	22	26	17	10	2	10	17	6	7	18	17	17	21	9	-4	-20	-10	-1	12	23	1	-6	-7	28	27	15	3	3	-18	-20	-5	7.1
LEEDS	MAX	43	37	25	21	30	41	37	24	31	34	28	32	32	24	20	6	12	25	33	31	23	9	31	37	30	26	23	28	16	18	40	27.3
	MIN	30	24	16	4	6	8	20	4	12	26	12	14	23	13	-6	-15	-10	-2	22	21	-2	-10	-5	22	12	14	4	5	-20	-17	6	7.5
LINTON	MAX	42	42	35	29	34	45	45	34		38	45	39	30	30	29	20	20	34	47	36	32	15	40	43	41	36	34	39	37	34	48	35.8
	MIN	18	31	18	8	18	12	23	8		21	18	18	22	12	11	5	-9	3	10	18	2	-9	-11	19	15	12	12	16	-3	2	18	11.3
LISBON	MAX	40	40	31	20	20	22	33	33	19	40	40	28	28	25	18	10	7	17	38	38	28	17	25	38	39	39	27	32	32	30	40	28.8
	MIN	23	29	20	10	0	8	17	0	-4	16	15	13	20	9	3	-24	-13	-2	10	19	2	-8	-10	20	22	16	10	4	-10	-10	5	6.8
LOSTWOOD 12N	MAX	39	28	24	21	32	47	44	34	35	35	27	36	33	27	25	12	18	36	37	35	19	10	39	40	36	33	26	31	13	23	40	30.2
	MIN	26	18	11	2	18	17	21	5	12	22	11	16	23	3	6	-1	-9	0	26	6	-6	-4	2	29	24	9	3	12	-10	0	9	9.7
MADDOCK AGR SCHOOL	MAX	42	34	26	20	31	39	38	26	31	36	30	32	32	25	22	8	12	26	35	33	22	8	34	37	36	34	27	31	24	18	39	28.6
	MIN	27	24	17	3	7	6	25	2	5	25	15	13	23	15	-6	-9	-8	-2	16	21	-2	-9	4	28	25	14	1	5	-16	-15	5	8.4
MANDAN EXP STATION	MAX	42	45	31	26	27	35	47	40	33	40	46	36	43	30	28	23	12	20	39	46	35	8	25	40	42	39	35	32	40	25	39	33.8
	MIN	22	29	26	9	13	16	21	12	11	15	22	22	28	16	17	3	-8	-8	6	31	6	-1	2	25	29	17	14	15	-2	-2	14	13.5
MANDAN FT LINCOLN PARK	MAX	47	39	31	27	39	49	43	35	32	49	38	45	39	30	29	18	20	40	47	43	29	17	40	43	43	37	32	41	40	32	49	36.9
	MIN	27	27	20	6	17	14	25	10	9	20	18	17	25	13	15	0	-7	2	19	26	0	-5	-2	25	27	14	22	21	-4	-3	11	13.2
MARMARTH	MAX	44	38		34	40	46	42	34	42	46	35	49	42	35	40	35		49	48	41	30	16	37	48	39		34	44	38	35	46	39.5
	MIN	27	26	26	27	23	19	20	11	11	30	15	20	26	8		-3		10	28	20	1	-5	3		20	15	15	15	11	16	21	16.3
MAX	MAX	35	42	27	24	26		45	36	34	35	40	25		40	32	17	14	11	35		33	5	23	37	36	36	36	32	33	28	40	30.6
	MIN	20	20	18	9	9		15	8	8	13	22	18	24		6	-3	-5	-5			0	-5	-2	23	14	16	6	6	-10	-12	10	8.3
MAYVILLE	MAX	37	33	30	19	20	24	37	29	21	30	31	26	31	23	14	-2	9	18	39	33	24	5	27	35	35	31	24	29	26	12	39	25.5
	MIN	21	29	19	12	3	16	17	6	2	14	19	16	13	5	-2	-22	-8	-1	9	21	3	-5	-7	25	27	21	9	4	-14	-19	-1	7.5
MC CLUSKY	MAX	42	31	24	17	35	43	37	29	29	42	30	35	33	27	25	11	20	34	40	32	23	11	38	38	35	32	27	34	28	25	45	30.7
	MIN	28	24	17	3	6	16	23	5	10	24	18	18	25	16	3	-8	-5	5	22	23	-1	-3	0	25	28	13	8	11	-10	-4	8	11.2
MC HENRY 5 N	MAX	38	35	26	19	21	29	35	24	26	38	32	30	31	23	18	0	5	29	34	29	22	-1	32	37	35	31	26	30	23	18	39	26.3
	MIN	27	25	16	8	4	5	22	7	4	18	15	15	21	14	-5	-22	-9	-3	11	21	-1	-10	-8	22	25	10	3	2	-20	-17	2	6.6
MC LEOD 3 E	MAX	38	35	33	23	23	27	36	27	15	38	36	37	32	22	20	-5	10	20	36	37	28	21	25	40	38	36	28	34	32	21	42	28.5
	MIN	23	21	20	8	-1	17	19	1	-7	15	15	18	21	-1	-5	-26	-19	-6	6	21	3	-11	-8	20	25	16	8	0	-12	-15	6	5.5
MEDORA 4 NNE	MAX	47	39	33	31	41	48	46	38	43	40	36	48	41	28	39	29	31	48	48	36	29	16	40	42	41	39	34	43	38	36	48	38.6
	MIN	25	25	16	22	9	18	25	6	11	21	15	24	20	6	23	5	-10	1	18	25	-3	-10	7	29	27	12	20	17	4	11	20	14.2
MINOT CAA AP	MAX	41	30	22	16	31	47	36	34	33	35	28	35	32	24	22	12	17	35	39	35	13	12	39	40	37	28	24	32	12	22	40	29.1
	MIN	30	22	14	7	11	20	15	7	18	23	18	22	24	9	-5	-7	-2	13	31	13	-2	-11	12	30	28	18	8	0	-10	9	9	12.1
MINOT EXPERIMENT STATION	MAX	41	32	24	20	28	44	40	32	31	36	28	36	34	29	25	11	16	33	36	35	22	11	38	39	37	33	29	31	24		41	30.5
	MIN	30	23	19	5	11	18	25	7	17	25	19	19	26	6	6	-6	-1	11	26	21	-2	-2	3	29	25	15	6	13	-11		7	13.0
MOFFIT 4 SE	MAX	45	42	31	28	36	46	43	33	30	48	35	40	37	29	28	15	20	35	45	35	29	15	39	41	39	35	33	38	36	30	45	34.9
	MIN	32	30	21	10	15	13	29	7	9	26	23	16	26	20	13	2	-7	5	17	26	5	-3	-4	24	32	14	11	17	-5	-1	12	14.0
MOHALL	MAX	39	30	22	19	32	45	38	29	33	32	27	33	34	27	20	11	16	36	39	35	21	11	39	40	37	32	24	29	11	18	39	29.0
	MIN	23	21	18	0	12	9	16	5	15	22	13	15	27	5	-4	-8	-4	-2	22	16	-5	-5	0	31	27	15	2	11	-15	-5	8	9.2
MOTT	MAX	47	38	29	24	40	46	47	38	34	42	37	47	40	30	33	28	29	50	50	36	30	20	40	41	40	38	31	43	37	36	48	37.7
	MIN	27	18	22	13	9	15	20	7	7	19	15	19	25	4	20	12	-12	6	16	22	3	-4	4	25	21	7	18	13	2	10	20	13.0
MUNICH 4 SW	MAX	42	37	25	20	23	28	33	19	3[illegible]	34	26	27	29	21	14	1	3	15	29	27	20	5	28	34	32	30	22	24	12	9	36	23.7
	MIN	27	25	12	3	2	6	17	8	5	16	10	9	21	11	-9	-23	-10	-7	10	10	-1	-10	-10	23	20	6	2	5	-25	-23	-8	3.9

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH OAKOTA
OECEMBER 1953

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON 1 SE	MAX	42	38	32	25	30	40	40	29	30	45	33	38	36	28	26	11	16	30	42	35	29	14	37	41	39	34	32	37	36	28	44	32.8
	MIN	33	28	18	7	15	14	24	8	10	24	23	21	26	19	2	-5	-9	5	21	26	0	-6	0	25	24	16	7	12	-9	-5	14	12.5
NEW ENGLANO	MAX	46	37	30	27	39	46	43	37	39	43	36	46	39	27	34	25	30	48	49	36	28	16	39	40	39	37	32	41	36	35	46	37.0
	MIN	26	20	24	17	12	24	22	10	10	27	18	12	25	7	12	12	-11	8	25	26	0	-5	6	28	22	10	17	22	1	15	23	15.0
NEW SALEM 1 S	MAX	45	32	28	26	37	47	35	34	33	34	35	43	35	29	29	15	20	36	43	36	22	9	39	40	39	36	32	39	27	33	45	33.3
	MIN	28	25	15	8	18	22	20	12	17	25	17	19	23	12	12	2	-11	8	27	20	-1	-4	2	29	24	16	11	17	-5	8	20	14.1
NEWTOWN	MAX	42	32	28	26	37	47	41	37	38	39	29	38	35	34	24	21	10	28	39	34	25	10	38	39	38	32	32	37	27	30	42	32.5
	MIN	26	24	15	11	20	16	25	5	12	27	17	21	25	6	19	5	-16	0	24	22	-3	-1	3	30	27	12	15	13	-4	5	14	13.4
OAKES	MAX	39	41	33	26	19	23	28	38	18	25	39	31	36	33	21	13	6	10	18	37	35	14	10	31	40	40	28	26	34	12	26	26.8
	MIN	3	28	22	11	3	4	15	4	-5	-2	20	9	14	12	11	-14	-13	-2	8	10	12	-6	-11	1	21	15	12	5	-5	-6	9	6.0
PARK RIVER	MAX	39	35	26	19	20	23	38	27	26	30	28	34	32	24	12	2	2	25	39	32	23	5	32	37	37	32	24	30	21	13	40	26.0
	MIN	17	25	18	11	6	14	16	7	7	20	14	6	19	12	-2	-21	-7	-3	13	22	5	-5	-7	26	25	14	8	7	-18	-17	-5	7.3
PARSHALL	MAX	44	32	29	26	36	48	42	35	35	38	28	36	35	28	27	18	17	30	39	33	23	9	37	38	36	32	32	36	30	30	41	32.3
	MIN	24	25	15	9	20	16	21	4	11	23	13	10	25	4	15	1	-14	-2	13	16	-3	-6	0	24	24	10		11	-15	2	14	10.3
PEMBINA 2N	MAX	38	37	25	20	16	25	32	30	23	30	34	34	24	23	13	6	11	17	30	36	25	10	25	40	40	34	22	28	25	6	40	25.8
	MIN	22	25	17	9	10	9	20	3	4	13	20	5	16	1	-3	-24	-7	-4	10	13	10	-5	-13	10	21	10	5	-2	-23	-25	-16	4.2
PETERSBURG	MAX	37	31	24	19	21	24	34	22	26	32	24	29	27	21	16	-2	9	23	35	76	23	4	30	36	34	34	23	32	23	14	39	24.8
	MIN	25	24	15	8	3	9	20	2	9	19	14	12	20	12	-5	-24	-8	-4	9	19	-4	-10	-10	23	21	11	5	2	-18	-21	-5	5.6
PETTIBONE	MAX	40	37	28	19	28	38	36	26	32	44	28	38			33			32	39	32	24		39	35	32		30	34	32			32.9
	MIN	24	26	16	6	12	10	22	4	8	22	18				7			-7	11	21	-4	-6					7	6	-12			
PORTAL	MAX	41	38	22	23	25	37	47	32	34	38	32	30	35	29	25	9	12	27	36	39	22	7	76	41	42	37	30	30	29	19	36	30.0
	MIN	22	20	13	6	7	18	21	5	11	21	14	11	25	7	7	-3	-4	3	16	19	-5	-2	-1	25	25	14	-2	0	-9	-9	9	9.2
POWERS LAKE 1N	MAX	39	32	26	22	32	47	35	33	36	36	26	36	32	25	27	15	15	37	40	32	10	15	37	30			34	37	14	25	37	29.7
	MIN	22	20	10	5	15	15	14	0	11	15	16	15	10	-1	11	-12	-16	3	25	10	-8	-7		21	8		1	1	-11	4	12	7.2
RICHAROTON ABBEY	MAX	47	38	29	25	39	45	44	37	33	41	34	45	38	28	32	26	25	43	46	40	27	16	39	41	39	36	35	40	39	34	46	36.4
	MIN	30	25	21	11	16	20	24	14	14	28	20	20	25	10	21	8	-4	14	28	25	-1	-3	6	31	24	16	20	17	-3	6	19	16.2
RIVEROALE	MAX	40	45	29	25	25	34	45	38	32	37	42	30	37	29	27	21	11	20	38	41	33	6	22	39	41	36	32	30	36	23	35	31.6
	MIN	19	26	23	9	9	17	26	10	10	9	21	21	27	12	12	2	-5	-4	12	30	5	-2	2	22	26	15	9	8	-6	-7	12	11.9
ROLLA	MAX	44	37	20	16	28	34	36	25	29	34	23	32	31	20	16	4	11	27	42	31	16	12	38	41	36	28	21	26	10	11	41	26.5
	MIN	21	19	11	3	2	8	18	7	5	20	11	4	18	13	-10	-4	-5	0	20	15	-6	-5	-5		19	10	5	-1	-24	-17	4	5.2
RUGBY	MAX	42	35	25	20	34	42	38	25	31	35	30	31	33	27	20	7	10	25	35	28	20	10	35	39	36	34	26	30	22	18	40	28.5
	MIN	28	24	18	2	8	14	24	5	10	22	11	11	15	17	-1	-5	-6	-1	7	18	-2	-10	-5	28	22	11	0	2	-16	-14	5	7.8
SAN HAVEN	MAX	41	31	21	22	31	34	31	24	28	33	26	32	30	23	18	4	13	26	42	28	22	11	37	38	37	32	23	28	11	11	40	26.7
	MIN	26	21	15	6	6	9	22	8	10	22	13	8	22	13	1	-3	-9	-1	16	22	-3	-7	-4	24	19	10	7	5	-19	-18	5	7.9
SHARON	MAX	37	35	26	22	21	27	35	25	24	36	32	30	31	20	15	-3	5	22	34	29	23	6	30	37	34	32	24	29	24	17	39	25.7
	MIN	27	25	16	8	5	9	24	5	7	18	15	15	17	10	-3	-18	-8	-2	15	21	-2	-10	-13	24	23	11	3	3	-19	-20	-1	6.6
STANLEY	MAX	39	33	30	28	32	45	42	33	35	35	26	36	26	30	26	21	18	34	37	32	13	13	37	38	35	34	26	34	13	20	39	30.3
	MIN	28	12	3	8	7	14	10	6	16	13	8	15	5	9	9	-15	-11	11	19	8	-4	0	13	25	9	12	4	-4	-8	11	14	8.0
STEELE	MAX	43	41	31	25	35	43	40	30	31	47	34	38	36	29	26	25	19	35	45	36	27	15	40	43	40	34	33	36	36	29	44	34.4
	MIN	31	26	18	7	3	5	19	8	0	25	21	19	26	19	3	5	-7	5	18	25	1	-4	-2	24	22	13	-2	3	-3	0	8	10.8
TOWNER	MAX	38	32	25	21	35	41	33	26	32	35	28	35	30	29	22	8	22	32	37	34	22	12	37	41	33	28	20	22	8	18	42	78.3
	MIN	25	22	11	1	7	12	22	6	12	23	14	12	22	17	-1	-7	-8	9	8	11	-1	-10	-6	23		5	-4	6	-12	-10		7.2
TURTLE LAKE	MAX	43	37	27	25	35	45	40	31	30	42	31	36	35	30	25	12	18	37	42	38	21	13	39	41	38	34	30	35	35	26	43	32.7
	MIN	30	25	20	5	15	17	25	7	14	27	20	20	27	17	9	-3	-4	6	24	20	0	-4	1	22	26	15	7	14	-9	-2	11	13.0
UNDERWOOO	MAX	39	44	30	25	27	30	45	39	33	36	45	30	37	29	26	22	15	21	36	41	35	13	20	39	38	40	30	29	78	22	28	31.4
	MIN	22	22	20	5	5	16	18	4	4	9	19	18	22	12	12	0	-5	-5	10		5	-4	0	18	20	14	5	3	-8	-8	12	8.8
UPHAM 3N	MAX	41	34	24	20	35	43	43	30	29	33	29	31	33	27	22	9	14	27	43	43	20	13	39	40	39	32	26	32	23	15	40	30.0
	MIN	20	22	18	3	7	4	17	4	3	17	12	8	21	11	1	-5	-10	-7	10	16	-4	-9	-4	22	22	6	1	1	-17	-10		6.0
VALLEY CITY	MAX	38	38	33	20	20	25	37	33	19	40	38	28	28	25	20	4	10	21	39	36	25	9	33	40	38	35	30	34	30	20	41	28.6
	MIN	26	30	18	11	5	18	15	4	2	17	21	17	23	15	4	-22	-7	0	10	19		-6	-5	25	28	21	11	5	-6	-12	6	9.8
VELVA	MAX	42	33	25	20	32	44	41	34	32	36	27	35	34	29	24	10	22	38	38	37	23	13	39	40	36	34	29	32	25	22	41	31.2
	MIN	32	25	20	7	10	12	25	5	17	27	13	20	29	10	1	-6	-10	7	15	23	0	-3	3	32	28	16	4	12	-8	-2	9	12.0
WAHPETON STATE SCHOOL	MAX	35	38	32	28	23	23	34	23	15	34	35	31	31	23	16	-4	6	18	34	35	29	7	27	40	38	34	29	33	32	17	38	26.9
	MIN	25	28	23	11	3	16	16	0	-4	8	15	14	20	-1	-5	-28	-22	-7	6	13	6	-10	-10	21	24	17	5	2	-15	-17	6	5.2
WASHBURN	MAX	45	38	31	24	36	48	42	32	32	44	36	39	38	30	27	18	19	38	42	36	26	15	39	43	39	37	32	38	37	30	46	34.7
	MIN	29	29	21	9	19	19	27	9	15	26	21	22	26	16	13	4	-4	8	22	22	1	-4	3	29	27	16	7	14	-6	2	14	14.7
WATFORO CITY	MAX	43	33	29	26	37	47	41	36	39	41	33	38	36	29	28	23	25	39	46	35	22	13	39	38	36	35	29	38	31	32	42	34.2
	MIN	32	24	15	16	15	25	18	8	15	31	19	21	24	11	18	10	-6	10	25	21	-3	-5	12	28	24	15	14	14	1	11	21	15.6
WATFORO CITY 14 S	MAX	45	39	30	29	40	48	41	39	42	45	33	40	40	39	35	32	27	41	50	37	25	14	44	41	39	40	35	41	39	37	45	37.8
	MIN	29	19	14	18	13	18	20	5	13	29	20	23	25	16	19	10	-9	4	28	24	-4	-7	9	30	31	15	21	16	3	9	21	15.5
WESTHOPE	MAX	40	32	23	17	28	37	35	25	30	33	26	33	33	25	20	8	5	19	39	29	12	9	35	39	36	28	24	30	13	20	40	26.5
	MIN	26	20	8	1	11	9	10	5	8	14	6	8	22	3	-4	-9	-10	-5	10	12	-12	-11	-3	24	22	10	7	-3	-11	-21	7	5.0
WILLISTON WB CITY	MAX	40	31	29	26	36	48	38	35	39	41	31	39	34	30	27	18	23	39	43	33	8	18	39	40	37	33	27	37	24	34	42	32.9
	MIN	31	16	16	17	18	25	18	11	18	28	19	24	18	13	15	4	-1	7	27	8	-1	-3	13	29	24	19	21	10	1	21	27	15.9
WILLOW CITY	MAX	40	32	25	16	34	44	38	21	31	33	24	29	33	25	19	9	5	20	34	30	20	10	35	39	36	31	24	29	8	11	40	26.6
	MIN			10	0	4	0	4	0	1	13	11	5	23	15	-13	-3	-19	-15	2	8	-6	-9	-8	21	17	5	-2	7	-19	-8	6	1.7
WILTON RR STATION	MAX	38	45	29		26	35	42	37	30	35	42	30	36	38	25	22	12	15	36	40	33	12	20	37	40	36	35	30	35	22	32	31.5
	MIN	19	26	22	7	8	15	25	12	10		23	24	24	14	11	2	-8	-5	8	32	5	-5	3	20	27	16	6	9	-7	-8	10	11.5
WISHEK	MAX	43	42	33	27	29	38	41	33		42	34	39	37	28	27	11	17	32	42			14	37	42	39	36	33	35	33	29	43	33.4
	MIN	27	25	15	4	9	7	18	2			20	12	22	16	6	-6	-10	0	11		1		2	23	21	11	6	7	-5	-5	11	9.3

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL		T	T						T			0.7			1.6	0.8				0.5	1.2					T	T		0.3		
	SN ON GND									T			–			2	2	–	–	–	1	2	–	1	1					1		
AMENIA	SNOWFALL			2.0	1.0	T						T	1.0	1.0		2.0										T		1.0	1.0	2.0	T	T
	SN ON GND	2	2	4	5	5	5	4	4	4	3	3	4	5	5	7	7	7	7	6	6	6	6	6	4	4	4	5	6	8	8	6
AMIDON	SNOWFALL		0.5	T	T	T					T	T	T				2.0	T				0.2						0.4	1.2	T	T	
	SN ON GND		1	1	1	1	T	T	T	T	T	T	T				2	2	2	T	T	1	1	1	1	T	T	1	2	2	1	1
ASHLEY	SNOWFALL		T	0.5	0.5	0.5							T	T							T							0.3				
	SN ON GND		T	1	1	1	1						T	T							T							T				
BEACH	SNOWFALL		–	–							–	–	T				2.0					–		T				3.5	0.2	1.0		
	SN ON GND		T	T	T	T	T	T	T	T		T	T				2	2	2	1	1	1	1	1	1	T	T	3	3	3	3	2
BELCOURT INDIAN RES	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BELFIELD	SNOWFALL		T	T	1.0						T		T	T		1.0					1.0						1.0					
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BEULAH	SNOWFALL				0.5			0.3				0.3	0.5			3.0					2.0							0.5				
	SN ON GND				1	T		T				T	T			3	1				2	2	1	1	1	1	1	1	1	T		
BISBEE	SNOWFALL		T			T					–		0.3			3.0												1.0	1.0			
	SN ON GND					T	T	T	T	T	T	T	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6
BISMARCK	SNOWFALL		T			T							T	1.0	T	T	T	T			T	T	T					T	T	T		
	SN ON GND		T			T							T	1	1	1	T	T			T	T	T					T	T	T	T	T
BISMARCK WB AP	SNOWFALL	T	T	T	T	T				T	T	T	0.7	1.2	T	0.5	0.6	T			0.5	T				T	0.3	0.2	T	T	T	
	SN ON GND	T				T								1	1	T	1	1	1	1	T	1	1	1	T	T	T	T	T	T	T	T
BOTTINEAU	SNOWFALL			T		0.2					0.5	0.2		1.2		0.9	T	T					T	T			0.3	1.0	0.1	1.5	0.5	0.1
	SN ON GND	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	7	7
BOWBELLS	SNOWFALL				T	T					–	–		T			–											2.0		5.0		
	SN ON GND				T									T			T											2	2	7	7	7
CARSON NO 2	SNOWFALL												–	T	T	T	–				–	–						–		–		
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	1	1	T	T	3	3	2	T	T	1	1	1	1	1	1	1	1	1	T	T
CENTER	SNOWFALL		T			T					1.0		T	1.0		1.0	0.5				0.5		0.5			T	T	1.0	T	T	T	
	SN ON GND		T			T					1	–	–	1	–	1	1	1	1	T	1	T	1	1			T	1	1	1	1	–
CROSBY	SNOWFALL					T					T				T	0.7	0.2				T	T					1.0		2.6	0.2		T
	SN ON GND					T					T				T	1	1	1	1	T	T	T	T	T	T		1	1	3	3	3	3
DEVILS LAKE WB CITY	SNOWFALL		0.1	T	T	0.5			T		2.3	T	1.4	T	2.2	1.1	T	T			T	T	T	T		0.4	1.5	0.2	1.1	T	0.6	T
	SN ON GND	T	T	T	T	T	1	1	T	T	T	2	2	4	4	7	6	6	5	5	4	4	4	4	4	4	5	6	6	6	7	7
DICKINSON CAA AP	SNOWFALL		T		0.1					T	T		0.3		0.3	0.2	0.1				0.7	0.2					0.3	T	T	0.2		
	SN ON GND		T	T	T	T							T			T	1	1	1			1	1	1	T	T	T	T	T	T	T	T
DICKINSON EXP STA	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND		T	T	T	T	T						T			T	1	1	1	T		1	1	1	T	T	T	T	T	1	1	T
DUNN CENTER	SNOWFALL			0.4		T					T	T		T		T	0.8					1.8						0.9		T	T	
	SN ON GND			T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	T	T	2	2	2	2	1	1	2	2	1	1	1
EDMORE 1 W	SNOWFALL		T	T		T	T					1.0		2.0		1.0	T										–			1.0	1.0	
	SN ON GND			T		T	T					1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	4
ELLENDALE	SNOWFALL		0.6	3.0	1.0	1.3					T		T	0.6	T	T	T				0.9	T						1.2	T	0.5	T	T
	SN ON GND	2	2	5	6	7	7	6	6	5	4	3	3	3	3	3	3	3	3	2	1	1	1	1	1	T	T	1	1	2	2	2
FARGO WB AP	SNOWFALL	T	0.1	3.0	0.2	T	T			T	0.1	T	0.3	T	T	1.7	T		T			T	T			T	1.0	0.2	1.1	0.7	0.2	T
	SN ON GND	4	4	4	7	7	7	7	7	7	7	7	7	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7
FORT YATES	SNOWFALL		T	T		T							0.1	T		T	1.5				T	2.0						0.5	T			
	SN ON GND		T											T		T	2	–	–	–	T	2	2	·1	T	T	T	1	T	T	T	T
FOXHOLM 7 N	SNOWFALL					0.5					1.0		0.5		T	0.3	T									T		1.1	2.7	0.7	T	
	SN ON GND	–	–	–	–	–	–	–	–	–	1	1	2	2	2	2	2	2	–	–	–	–	1	1	1	1	1	2	4	5	–	–
FULLERTON	SNOWFALL		0.3	4.8		1.6							T	0.4		0.8		0.2				0.6						2.2		0.8		
	SN ON GND	2	2	6	6	7	7	6	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
GARRISON	SNOWFALL			T		0.2					1.8	0.3		0.5		0.1	0.1	T	T									0.9		1.1	T	
	SN ON GND													1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3
GRAFTON ST SCHOOL	SNOWFALL			0.5	0.5	0.5	0.1				1.5	1.5	0.5		T	1.3						T				0.1		T		2.9	1.7	
	SN ON GND	4	–	–	4	–	5	5	–	–	6	8	8	8	8	8	8	8	7	4	4	4	4	4	3	3	3	3	3	6	6	5
GRAND FORKS CAA AP	SNOWFALL		T	0.4	0.4	0.1	T				1.2	T	1.2	T	0.3	0.8			T		T	T	T			0.3	0.4	0.4	2.4	1.6	0.5	0.3
	SN ON GND	3	2	2	3	3	3	2	1	1	1	2	2	3	3	4	4	3	3	3	3	3	3	2	2	2	2	3	3	6	7	7
GRAND FORKS UNIV	SNOWFALL			T	1.0	0.3					0.1	1.0	0.4	0.5	T	1.3						T				0.5		0.5	0.3	0.7	0.2	T
	SN ON GND	2	2	2	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	7	7
GRANVILLE	SNOWFALL					T				T	3.0		1.0	T	T	1.0											1.0	T	1.0	T	T	
	SN ON GND	4	4	4	4	4	3	3	3	3	5	5	6	6	6	7	7	7	7	7	7	7	7	7	7	6	7	7	8	8	8	7
HANSBORO	SNOWFALL		T		T	T					0.5	T	0.2	0.1		3.0	T				T					1.0		T	0.3	1.3	0.2	
	SN ON GND		T	T	T	T	T	T	T	T	T	T	1	1	1	4	4	4	4	3	3	3	3	2	2	3	3	3	3	4	4	3
HETTINGER	SNOWFALL					T				T					T						–	–						T	T	T	T	
	SN ON GND																				–	–	–	–	–	–	–	–	–	–	–	–
JAMESTOWN CAA AP	SNOWFALL		T	0.6	T	0.1							0.7	0.2	0.7	0.7	0.1					T	T				0.1	0.2	2.4	T	T	T
	SN ON GND	1	T	T	1	1	1	1	1	1	1	T	T	1	1	2	2	2	2	2	2	1	1	1	1	T	T	T	T	2	2	2
KENSAL WILDLIFE REFUGE	SNOWFALL					0.5							2.0	0.5		2.0												2.0	2.0			
	SN ON GND	1				1	1						2	2	2	4	4	4	3	3	3	3	3	2	1	1		2	4	4	4	3
KILDEER 8 NW	SNOWFALL				T					T	T				T	1.0					T	1.0	T				T	T	1.4			
	SN ON GND				T						T	T			T	1	1	T	T	T	T	1	1	1	1	1	1	1	1	1	1	T
MANDAN EXP STA	SNOWFALL		T	T	T	0.3						T	T	0.4	T	0.1	0.3					0.8					T	0.1		T		
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	T	T	1	1	1	T	T	T	T	T	T	T	T
MAYVILLE	SNOWFALL		T	0.3	1.4	0.1	T				T	0.1	0.4	0.8	T	1.7	T									–	–	–	–	–	–	–
	SN ON GND	2	2	2	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	4	4	4	–	–	–	–	–	–	–	–	–	–
MC CLUSKY	SNOWFALL		T								T					2.0	T					T						T	T	2.0		
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	2	1	1	1	1	1	1	1	1	T	T	T	T	T	2	2	2

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MC HENRY 5 N	SNOWFALL			T		0.6					1.0	T	1.0	0.5		1.8										0.2	T	0.8	0.6	0.2	T	
	SN ON GND	T	T	T	T	1	1	1	1	1	2	2	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	6	7	7	7	6
MEOORA 4 NNE	SNOWFALL		0.5	T	T	T				T	0.3		0.3		1.0	1.0					T	0.5	T				T	1.0	T	1.0		
	SN ON GND		1	T	T	T				T	T				1	1	T	T	T	T	T	1	1	T	T	T	T	1	T	1	1	
MINOT CAA AP	SNOWFALL		T		0.1	0.1				T	0.6	T	1.2	0.1	0.5	0.4	T				T	T	T			T	1.5	T	2.4	0.4	T	
	SN ON GND	1	1	1	1	1	1	T	T	T	T	1	1	2	2	3	3	3	3	3	2	2	2	2	1	1	1	3	3	5	5	5
MINOT EXP FARM	SNOWFALL					T				T	2.5		0.5		T	T	T										0.5	1.0	2.0	1.0		
	SN ON GND	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	5	6	5	–
MOHALL	SNOWFALL				T	T				0.1	1.0		T		0.1	0.4											3.0	T	1.0	0.3		
	SN ON GND	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	–	–	–	–	–	2	1	1	4	4	5	5	5	4
MONTPELIER	SNOWFALL			0.2	0.2	0.2							0.9	0.2		0.7						T				T		0.2	0.4	0.5		
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	T	T	T	T	T	1	1	1
MOTT	SNOWFALL		0.7			T				T			T		T	T	T				T	2.0					T	0.5				
	SN ON GND		1							T					T	T	T				T	2	2	1			T	1	T			
MUNICH 4 5W	SNOWFALL		T		T	T					–		0.5			3.0										1.0	T	1.0	T	1.0	0.5	
	SN ON GND		T	T	T	T					1	1	1	1	1	4	4	4	4	4	4	4	4	4	3	4	4	5	5	6	7	5
NAPOLEON 1 5E	SNOWFALL					T						T	T	0.2		T	0.2											1.0	1.0		T	
	SN ON GND					T						T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	2	2	2	1
OAKES	SNOWFALL		0.5		3.0	0.5	0.5			T	T	T	T	0.5	0.4	0.8					T	T						0.3		1.5	0.2	T
	SN ON GND	–	–	–	5	6	6	6	5	5	5	4	4	5	5	6	6	6	6	6	5	5	5	5	5	4	4	4	4	6	6	6
PAR5HALL	SNOWFALL		T		T					T	1.0		0.5	T	T	0.5	0.1				T	T				T	1.0	T	0.5			
	SN ON GND										1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	1
PETER58URG	SNOWFALL					–					–		–			–						–						–	–	–		
	SN ON GND	1	1	1	1	1	1	1	1	1	2	2	3	3	3	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	4
PETTI8ONE	SNOWFALL										T		0.9			T												0.4	1.0			
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	–	–
PRETTY ROCK	SNOWFALL		T	T						T							T				1.0							T				
	SN ON GND		T	T						T											–	–	–	–	–	–	–	–	–	–	–	–
RICHAROTON A8BEY	SNOWFALL		0.6			0.2				0.1	T		0.2	T	T	0.2	1.1	T			0.5	0.5					T	0.7		0.2	T	T
	SN ON GND		T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	T	T	1	1	1	1	T	T	T	1	T	1	1	–
RIVERDALE	SNOWFALL			T	T	0.5					T	0.3		0.5		T	0.3	T				0.5	T					1.0		0.4	T	
	SN ON GND					1	T	T	T	T	T	T	T	1	T	T	1	1	1	1	T	1	1	1	T	T	T	1	1	1	1	1
ROLLA	SNOWFALL		0.3		T	T				1.0	2.0		T	0.4	T	1.5										1.0	T	0.5	1.0		T	T
	SN ON GND	T	T	T	T	T	T	T	T	1	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	6	6	7	8	8	8	8
5AN HAVEN	SNOWFALL		T	T		0.2				0.3	2.0		1.6	1.0		1.8											0.3	1.0	1.2	T	1.2	T
	SN ON GND	T	T	T	T	T	T	T	T	1	3	3	4	5	5	7	7	7	7	6	6	6	6	6	6	6	6	7	8	6	9	8
5HARON	SNOWFALL				1.0	T	T				0.5		1.0			4.0										T		2.0	1.0	1.0		
	SN ON GND	1	1	1	2	2	2	1	1	1	2	2	3	3	3	7	7	7	6	6	6	6	6	6	5	5	4	6	7	8	6	–
5TANLEY	SNOWFALL											T	1.0				0.5											1.0	0.5	0.5		
	SN ON GND												1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3
UPHAM 3 N	SNOWFALL		T							T	5.0		0.5	0.5		1.0	T									T	0.5	1.0	1.0	0.5	1.0	
	SN ON GND	–	T	T	T	T				T	2	2	3	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	6	6
VALLEY CITY	SNOWFALL		T	2.0		0.1							1.5	T		2.8						T							2.0		0.2	
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WAHPETON STATE SCHOOL	SNOWFALL			5.5	2.0	T					T		T	1.0		4.0										T	T	0.5	1.0	2.5		
	SN ON GND	4	3	8	9	9	8	7	7	7	7	7	7	8	8	11	11	11	11	11	10	10	10	10	9	8	8	8	9	11	11	11
WE5THOPE	SNOWFALL									T	1.5		1.0			2.0														5.0	T	
	SN ON GND	–	–	–	–	–	–	–	–	–	2	2	3	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	6	–	3
WILLI5TON W8 CITY	SNOWFALL				T					T	2.0		1.0		0.2	T	0.1				0.2		T			T	0.6	T	0.5	T		
	SN ON GND					T						T	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	T	T	T
WILLOW CITY	SNOWFALL		T			T				T	2.0		1.0	0.5	0.5	1.5										T	1.0	T	1.0	T	0.5	
	SN ON GND	T	T	T	T	T	T	T	T	T	2	2	3	3	4	5	5	5	5	5	5	5	4	4	3	3	4	4	5	5	6	–

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	88 08	-		5P	Myron J. Bata	3
Alexander	0095	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0138	Morton	4	48 43	101 38	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose	0188	Divide	12	48 58	103 28	2058		5P	Soo Line Agent	3
Amenia	0195	Cass	11	47 00	97 13	980	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	48 29	103 19	2810	8A	8A	Virginia M. Zundel	2 3 5 7 C
Antler	0283	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0389	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	48 02	98 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	P. H. Chidester	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	5P	5P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		8A	Mont. Dak. Util. Co.	3 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck	0814	Burleigh	8	46 48	100 48	1670	8A	9A	Adolph Krein	2 2 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		5P	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0981	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	48 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John R. Manson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	6A	6A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	7A	Alexander Madison	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Hansealt	3
Crosby	1871	Divide	12	48 54	103 18	1954	6P	6P	Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 6 6 7 C
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	B. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	2004	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750		6P	John Petryszak	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stohlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heirele	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Honderud	C
Grafton State School	3594	Walsh	10	48 25	97 25	827	5P	5P	James Marr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald H. Hjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Sam Charchenko	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2114	10P	10P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisse	3 C
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Henson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3983	Towner	9	48 57	99 23	1600	7P	7P	Charles S. Disher	2 3 5 7
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
Haynes 5 NE	4073	Adams	1	46 00	102 22	2550		MID	Hazen Evans	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shae	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4188	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	8P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Bucheitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		8P	Kenneth V. Herget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Hennie Hogen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 38	98 11	1467		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	8P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	48 18	103 55	2710		MID	E. H. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy H. Kessler	3
Max	5638	McLean	8	47 48	101 17	2093	7A	7A	Soo Line Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	8P	6P	E. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1843	8P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. K. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1467		6P	H. H. Enlefel	3
Medina 1 W	5788	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora	5803	Billings	7	46 55	103 31	2270		MID	Jay J. Eaton	C
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7
Medora 23 NNW	5818	Billings	7	47 14	103 38	2123		7A	Archie K. McAdoo	3
Melville	5833	Foster	5	47 20	98 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5888	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Sta.	5883	Ward	12	48 10	101 18	1720	6P	6P	N.C. Agri Exp Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	48 40	100 14	1780	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 48	101 31	1839	8P	8P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	88 35	1378		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6185	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon 1 SE	6255	Logan	8	48 28	89 45	1855	7P	7P	Gladys J. Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2821	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Goebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	8P	Erwin A. Ventsch	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	988	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 32	1860	7P	7P	L. H. Dethloff	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Robert Cullen	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1910	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	George F. Gehren	C
Rolla	7664	Rolette	9	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Cavalier	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sentinel Butte 20 S	7978	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	-		6P	Peter R. Young	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 23	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 5 NNE	8764	Renville	12	48 47	101 47	1603		5P	Henry M. Christen	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8877	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Upham 3 W	8918	McHenry	12	48 35	100 47	1440	5P	5P	CLOSED - - - - -	10/20/53
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	47 16	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	1475		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Helen Sanstadt	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	-	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton R R Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., — 2-16-54 -- 900

CORRECTIONS

May 1953: Edgeley Exp. Farm, Table 2, mean max should be 62.4, mean min 42.4 and mean 52.4, departure from normal should be -2.0.

Edgeley Exp. Farm, Table 5, max on 18th should be 62, 21st 46 and mean max 62.4, min on 17th should be 47, 22nd 44, mean min 42.4..

Upham 3 W, Table 2, mean max should be 63.9, mean min 40.7, mean 52.3,and total degree days 389. Min 32° or below should be 7.

Upham 3 W, Table 5, max on the 1st should be 40, 11th 42 and mean max 63.9, min on 2nd should be 35, 25th 51, 30th 55 and mean min 40.7.

June 1953: Upham 3 W, Table 2, mean min should be 51.4 and mean 62.6.

Upham 3 W, Table 5, min on the 29th should be 61, mean min 51.4.

July 1953: Table 2, Eastern Division, precipitation departure should be -1.21.

Edgeley Exp. Farm, Table 2, mean min should be 55.6, mean 68.0 and departure from normal -1.9.

Edgeley Exp. Farm, Table 5, min on the 28th should be 63, 29th 52 and mean min 55.6.

Upham 3 W, Table 2, mean max should be 79.9, mean min 54.1M, mean 67.0M, highest 90 on the 18th, low 46 on 7+, departure from normal missing and total degree days 29. Max 90° or above should be 1.

Upham 3 W, Table 5, max on the 15th 88, 16th 77, 19th 87, 21st 73, 22nd 75, 23rd 75, 26th 79, 29th 83, 30th 86, 31st 86 and mean max 79.9. Min on the 15th should be 61, 19th 58, 20th 59, 21st 57, 22nd 54, 23rd 47, 24th 56, 26th 53, 27th 57, 30th 53, 31st 61 and mean min 54.1.

August 1953: Dickinson Exp. Station, Table 6, Evap from the 1st through the 31st should be .13, .17, .17, .16, .14, .20, .24, .18, .24, .22, .15, .20, .27, .24, .19, .17, .24, .27, .20, .18, .25, .30, .23, .16, .24, .16, .25, .14, .24, .13, .18 respectively, total 6.24.

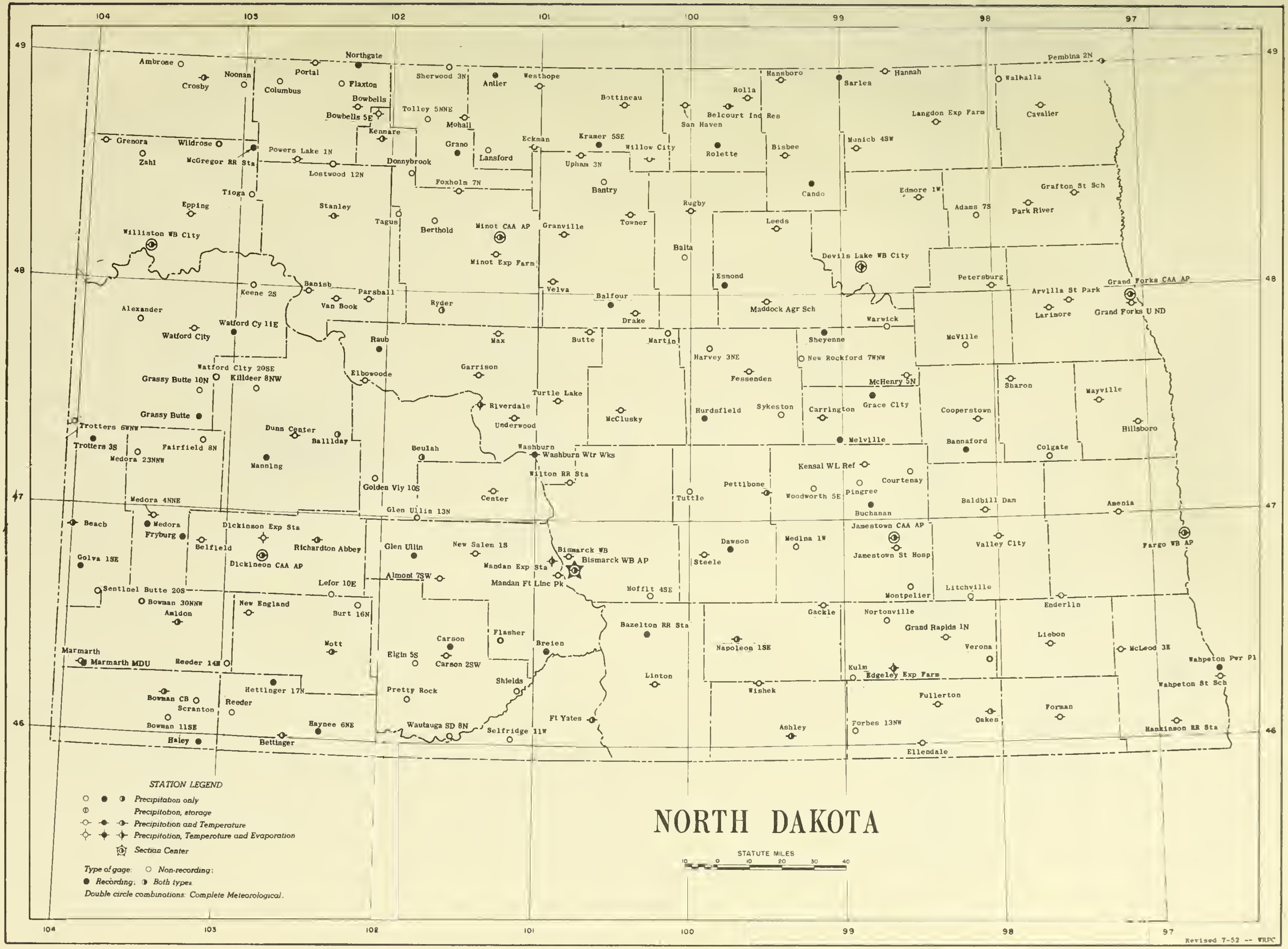
September 1953: Edgeley Exp. Farm, Table 2, mean max should be 75.1, mean min 44.3, mean 59.7, departure from normal +1.4.

Edgeley Exp. Farm, Table 5, max on the 20th should be 60, mean max 75.1, min on the 6th should be 41, 8th 48 and mean min 44.3.

October 1953: Edgeley Exp. Farm, Table 2, mean min should be 37.9, mean 53.1, low 23 on 26+, departure from normal +7.5. Min 32° or below 8.

Edgeley Exp. Farm, Table 5, min on the 27th should be 23, mean min 37.9.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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CLIMATOLOGICAL DATA

NORTH DAKOTA

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ANNUAL SUMMARY 1953

Volume LXII No. 13

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KANSAS CITY: 1954

NORTH DAKOTA - 1953

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The average state temperature for the year 1953 was 42.8° or 2.8° above normal. It was the warmest year since 1931. The months of April through July averaged below normal and all other months averaged above normal. January, February and December averaged 7.0° above normal. Highest temperature for the year was 103° at Maddock on August 31st. Lowest temperature was -31° at Portal and Munich on January 15th. Average precipitation for the state was 20.04 inches or 2.92 inches above normal. Over 12 inches fell from April through June. The greatest annual amount reported was 28.82 inches at Jamestown Airport; the least annual amount, 14.03 inches, occurred at Bowman 30 NNW.

The weather during the year was pleasant and generally favorable for all interests. A few places in the eastern part of the state had too much moisture. Crops were generally fair to good and pastures were very good. Early prospects of a bumper crop were cut back to a highly variable crop due to stem rust and to drought in a few scattered areas. Eighteen tornadoes were reported, the most destructive occurring in the village of Fort Rice.

WEATHER BY MONTHS

January was a mild month with slightly below normal precipitation. There were no severe storms or blizzards to appreciably disrupt traffic. The mild weather was favorable for outdoor work. Livestock went through the month in very good condition and in some areas were able to graze on meadows, pastures and stubble fields to a great extent saving substantially on feed supplies.

February continued mild and relatively dry, making it one of the most comfortable winter seasons ever experienced in North Dakota. It was the warmest February since 1935. The mild, dry weather was especially favorable for livestock, which in many areas were able to graze on meadows and stubble fields.

March was characterized by continued warm weather. Precipitation was above normal in most sections of the middle and western divisions but dry weather continued over the eastern division. It was the first month since August, 1952 with above normal precipitation. Soil moisture improved somewhat over much of the middle and western divisions. However, conditions were still generally dry at the end of the month due to the unusually long dry period that had prevailed since early fall. The eastern division continued to be in a serious drouth condition with considerable soil blowing reported. Minor damage resulted from high winds on the 18th and 22nd in the western part of the state.

April was characterized by abundant precipitation, much of it in the form of snow, and by much below normal temperatures. Spring seeding made generally rapid progress until delays caused by the wet weather during the last week brought the season to about average. Greatest delays were encountered in the northwest section. Heavy rain and snow on the 24th brought an end to the general drouth conditions that had continued since early last fall. This period was followed a week later by another period of heavy rains which carried over into May. All the moisture soaked into the ground so that subsoil moisture was considered adequate or better in all but four counties. High winds, particularly on the 16th, caused considerable soil blowing in many areas though little damage was reported on seeded fields.

May was the wettest May since 1927 when an all-time high of 5.68 inches was recorded. A few sections had excessive precipitation which hampered seeding. Some wheat, oats and barley still remained to be seeded at the end of the month in the wettest areas. Although temperatures averaged a little below normal it was generally a good month for outdoor work and spring seeding made good progress except in a few scattered areas. Moderate to heavy snow accompanied the rain on the 1st and again on the 11th and 12th. A series of tornadoes struck portions of the state on the 29th and 30th. The most destructive struck the town of Fort Rice on the west bank of the Missouri River south of Bismarck on the evening of the 29th. Two people were killed and 16 homes were destroyed and 14 damaged; 43 other buildings were destroyed and 9 damaged.

June was the third successive month with abundant moisture. This combined with moderate temperatures produced rapid growth of vegetation. A very good crop was in prospect except that an early appearance of black stem rust indicated serious damage from that source. A record acreage of flax was planted because of the favorable outlook. In some areas the heavy rains hampered field operations seriously, making it impossible to seed the acreage originally intended, especially wheat. Livestock, feeding on the lush pastures, were in very good condition. Hail damage was higher than usual. Heavy rains also caused property damage, especially in a few larger cities where basements were flooded. Tornadoes and tornado funnels were reported from various parts of the state but damage was slight.

July averaged below normal in temperature and precipitation. Although there were a few sections that were rather dry by the end of the month, most areas received sufficient rainfall. Black stem rust continued to damage the wheat crop. Pastures were the best since 1942. Topsoil moisture was becoming deficient in many areas by the end of the month. Subsoil moisture, however, continued adequate in most sections. A tornado cut a narrow path through the town of Hurdsfield on the 6th, damaging a number of buildings and leaving many trees broken.

August temperatures were below normal on nearly all days during the first half of the month and above normal on nearly all days during the last half. It was the first month with a maximum temperature of 100° or higher. Precipitation amounts varied greatly. Many stations in the central sections recorded less than one inch while many stations in the extreme east and extreme west reported over three inches. However, Grand Forks in the extreme east and Williston in the extreme west reported less than one inch. Crops made good progress but they were damaged by drought in the areas of light rainfall; small grain, especially durum wheat, was damaged by stem rust in all sections. Heavy rains on the 18th, estimated from three to more than five inches, fell over the area west of Belfield in Stark and Billings counties causing flash floods.

September was a warm, dry month. It was ideal for harvesting and threshing. As a result there remained only a few scattered fields of flax to be cut at the end of the month. Corn matured well and picking of a better than average corn crop was well underway by the end of the month. Potato digging was about two-thirds done and sugar beet lifting about one-third completed. The hay crop turned out to be a record breaker. The soil was dry over most sections and good rains were needed. Pastures were dry but continued to supply good feed and as a result, livestock continued in good condition. Considerable wind was reported and there was some soil blowing in scattered areas. There were no severe storms reported.

October was characterized by unusual weather. A heat wave at the beginning of the month broke all-time records in some places for highest temperatures so late in the season. The western third recorded heavy precipitation while almost all other sections were deficient in rainfall. It was the warmest October since climatological records were begun. It was an excellent month for all outdoor activities. Some late flax was still being harvested in October. Potato digging and sugar beet lifting was finished the latter part of the month. Some relief from the droughty conditions was obtained from substantial rains during the latter part particularly in the west portion.

November was a warm, dry month. The precipitation was very light in the western part of the state but a few stations in the central and southeast sections had above normal amounts. There was heavy snowfall in the extreme southeast portion. It was an excellent month for outdoor work and for livestock but some yard feeding was necessary in the southeast portion where there was considerable snow on the ground during the last ten days of the month. The warm weather was favorable for building activities and livestock made good use of range feed.

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Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1955

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	21.3M		23.8		28.9		36.9		51.6		63.4		68.9		69.9		59.7M		54.1		38.1		25.4		45.2	
AMENIA	12.8M	7.8	19.2	10.1	28.8	4.1	39.2	- 2.4	54.9	0.2	65.1	1.2	69.1M	- 0.8	71.4	4.3	59.2	1.3	[illegible]	9.3	35.4	8.4	16.1	3.3	43.8	3.9
AMIDON	24.6	10.9	23.5	7.3	28.7	0.5	34.8	- 6.6	48.9	- 4.6	61.8	- 1.0	68.6	- 1.8	68.8	0.4	58.8	0.4	52.3	7.3	38.3	7.7	24.7	5.6	44.5	[illegible]
ARVILLA STATE PARK	9.9		16.5		26.6		38.1		54.0		63.3		67.9		70.2		M		51.7M		34.1		15.7		-	
ASHLEY	15.2	6.5	19.0	7.6	26.9	2.0	37.0	- 5.4	51.9M	- 2.3	63.6	0.4	67.6	- 2.1	70.1	2.9	59.1	1.7	53.8M	9.4	36.0M	8.0	22.6	7.8	43.6	3.0
BEACH	23.6	11.5	22.8	6.8	28.0	0.4	34.7	- 7.5	48.4	- 4.6	61.7	- 0.9	68.5	- 1.4	68.4	1.2	57.2	- 0.2	51.2	6.7	37.9	7.2	25.0	6.6	43.9	2.1
BELCOURT INDIAN RES	7.3M		14.1		20.1		32.8		50.6		60.3		64.6		66.7		52.8		49.1		31.5M		15.8M		38.8	
BELFIELD	23.3M	9.0	23.9	8.5	29.4M	1.9	34.6	- 7.5	48.9M	- 4.2	62.2	0.5	68.7	- 1.3	66.9	- 1.1	56.6	- 1.4	50.8	5.1	36.7	7.3	24.9M	5.1	42.9	[illegible]
BISBEE	8.7	6.9	15.7	9.2	22.9	0.4	34.6	- 6.1	52.2	- 0.5	61.9	- 0.2	66.6	- 0.8	68.1	2.4	54.8	- 1.9	50.0M	6.2	32.6	6.2	15.4	5.7	40.3	2.3
BISMARCK	17.8M	9.8	21.7	10.1	27.3	2.1	38.0	- 5.1	51.8M	- 3.0	64.6	0.4	70.2	- 0.3	71.5M	3.3	60.1	2.0	53.5M	8.3	M		25.7M	10.0	-	
BISMARCK WB AP	15.8	6.1	22.1	9.4	26.4	- 0.5	37.2	- 6.1	52.4	- 2.3	64.4	0.1	69.9	- 2.2	71.7	2.4	59.0	0.6	52.1	6.4	35.9	7.8	23.6	8.1	44.2	2.5
BOTTINEAU	7.3	5.9	13.0	8.1	19.2	- 1.6	34.3	- 4.7	50.4	- 1.9	60.3	- 1.5	65.3M	- 2.3	68.9	4.0	55.0	- 0.5	50.0	8.6	31.6	8.0	14.9	6.6	39.2	2.4
BOWBELLS	11.0	6.2	15.2	7.5	22.5M	1.0	34.3M	- 5.0	49.9M	- 2.5	61.7M	- 0.1	66.1	- 1.4	67.4M	2.6	55.0M	0.4	48.8M	7.0	34.3M	8.1	20.3M	7.4	40.5	2.6
BOWMAN COURT HOUSE	25.5	10.9	24.9M	7.5	30.1	1.8	36.3	- 6.2	49.4	- 4.2	63.7	0.3	68.9	[illegible]	68.5	0.4	59.2M	1.4	52.4	7.6	38.6	8.1	27.1	9.5	45.4	2.9
BUTTE	13.2M	5.3	17.5M	4.4	22.7	- 3.7	34.8M	- 6.5	50.4M	- 4.4	62.7M	0.2	68.2M	- 1.8	69.1M	1.9	57.4M	- 0.1	51.4	6.6	34.5M	8.0	18.4M	2.6	41.7	[illegible]
CARRINGTON	11.2M	4.5	15.2	6.3	22.3	- 1.4	34.0	- 5.6	50.1	- 3.0	61.1M	- 2.3	66.4M	- 3.0	69.6M	2.5	57.6M	0.7	51.2	7.5	33.5M	6.2	17.8	5.2	40.8	1.4
CARSON NO 2	18.8	8.7	21.4M	6.9	26.6	- 0.4	35.7M	- 6.8	48.6	- 5.9	62.3	- 1.4	67.7	- 3.1	69.3	0.7	59.2	1.1	M		M		24.4M	7.8	-	
CAVALIER	8.0	6.6	13.0	6.9	25.4	4.4	38.3	- 0.9	54.0	0.4	63.6	1.0	[illegible]	- 1.0	69.6	3.7	57.0	1.4	51.8	8.8	34.5	9.8	16.1	5.6	41.6	3.9
CENTER	17.2	7.4	22.0	9.5	27.5M	1.0	36.0	- 6.8	51.1	- 3.4	63.0	- 0.7	67.4M	- 3.6	68.9M	0.9	57.0	- 1.1	51.4	6.1	34.9	6.4	23.7M	7.3	43.3	1.9
COOPERSTOWN	11.5M	7.2	18.3	10.5	26.2	1.9	37.3	- 3.0	53.6	- 0.2	63.8M	0.6	68.6	- 1.0	71.6	4.2	58.0	0.3	53.0M	8.3	34.7	7.4	17.1	4.1	42.8	3.4
CROSBY	12.6	8.2	17.3	7.8	25.6M	1.8	34.9	- 5.0	50.5	- 1.8	61.6	- 0.1	67.3	- 0.6	68.2	3.2	56.6	1.8	50.4	8.2	34.5	8.0	20.8	7.9	41.7	3.3
DEVILS LAKE WB CITY	9.4	4.6	16.2	7.5	24.6	2.0	35.7	- 4.3	52.4	- 0.6	62.7	0.3	67.9	- 1.4	70.6	3.8	56.7	0.4	51.5	7.6	34.1	9.0	16.0	4.9	41.5	2.8
DICKINSON CAA AP	21.9	11.3	22.7	9.9	27.8	2.3	34.3	- 7.5	48.9	- 3.8	61.6	- 0.5	67.9	- 1.1	68.7	2.2	57.7	1.3	51.9	8.1	37.8	9.6	24.6	7.9	43.8	3.3
DICKINSON EXP STA	21.7M	11.1	22.0	9.2	27.4	1.9	35.5	- 6.3	49.2	- 3.5	61.9	- 0.2	67.6M	- 1.4	68.4	1.9	57.6	1.2	51.1	7.3	37.5	9.3	24.6	7.8	43.7	1.2
DRAKE	12.9	7.4	17.1	6.7	22.7	- 2.0	35.7M	- 4.7	50.9	- 3.8	63.0M	- 0.8	68.9M	- 2.7	69.8	2.2	57.6	0.0	50.9M	7.8	34.0M	8.1	18.7M	3.3	41.8	[illegible]
DUNN CENTER	17.4	5.2	20.4	6.3	24.7M	- 1.3	34.3	- 7.2	48.8	- 4.0	60.4	- 2.1	66.8	- 2.2	66.4	0.0	55.2M	- 1.3	48.6	6.5	35.1	7.2	21.7	3.7	41.6	[illegible]
ECKMAN	7.7	4.6	12.7	5.2	20.2	- 2.8	34.6	- 5.8	50.7	- 1.9	61.4	- 0.6	66.7	- 1.3	67.8	2.8	55.1	- 0.6	48.2	6.0	32.6	7.2	15.7	5.4	39.5	1.6
EDGELEY EXP FARM	13.0	4.2	18.0	5.2	26.6	- 0.7	37.2	- 5.4	52.4	- 2.0	63.7	0.1	68.0	- 1.9	70.4	2.7	59.7	1.4	53.1	7.5	35.3	6.0	20.4M	5.4	43.2	1.9
EDMORE 1 W	8.4M	8.2	16.0	11.2	25.1	4.0	35.3	- 4.0	50.9	- 2.3	58.8M	- 3.5	65.2	- 2.3	67.6	2.8	55.0	- 1.4	50.8	8.3	32.8	8.2	14.6	4.1	40.0	2.7
ELBOWOODS	18.6M	10.0	23.4M	11.3	28.8M	2.6	38.9M	- 4.1	52.0M	- 2.6	62.8	- 0.6	68.5M	- 1.4	70.2M	2.3	58.6M	1.1	52.8M	8.0	37.9M	9.5	24.6M	8.7	44.8	3.5
ELLENDALE	15.2	5.2	20.5	7.4	29.9	2.7	40.2	- 2.5	55.2	- 0.1	66.0	1.2	70.3	- 0.6	72.2	3.5	61.4	2.6	55.0	9.1	35.8	7.4	21.7	5.4	45.3	3.5
ENDERLIN	11.7		17.2		27.1		37.3		53.1		63.8		68.4M		70.2		58.3		52.1		34.4		17.3M		42.6	
EPPING	15.0	9.8	19.2M	9.8	27.0M	0.0	35.5M	- 6.2	51.0	- 4.0	62.2	- 0.9	68.7	- 2.1	69.9	2.4	58.4	1.7	51.9	9.8	36.2	9.9	M		-	
FARGO WB AIRPORT	10.4	3.3	16.3	5.5	28.0	2.7	37.5	- 4.6	54.8	- 0.2	64.9	0.3	69.9	- 1.4	71.8	2.7	59.0	0.1	53.5	7.4	35.1	7.5	14.7	1.8	43.0	2.1
FESSENDEN	13.4	8.7	19.4	9.7	25.5	1.8	36.0	- 4.4	52.3	- 1.0	62.9	0.3	67.6M	- 1.8	69.7M	3.0	56.9M	0.3	51.4	8.1	33.9	7.3	19.1	7.3	42.4	3.3
FORMAN	13.8	6.2	19.1	7.2	29.8	3.8	39.6	- 4.4	54.6	- 1.1	66.4	1.4	71.0M	0.9	72.2	4.0	60.7M	1.2	53.3M	7.3	35.6	7.0	18.0	2.7	44.5	2.0
FORT YATES	M		25.0M	12.4	29.7	2.5	38.5	- 6.3	53.1M	- 3.6	65.6M	- 1.0	70.3M	- 2.4	72.3	2.6	61.3M	1.1	54.4M	7.7	38.2	8.2	27.0	7.8	-	
FOXHOLM 7 N	14.4	7.6	18.2	6.2	26.0M	0.6	35.4	- 5.4	53.0	- 1.2	62.9	1.0	[illegible]	- 0.7	69.1M	2.5	57.7M	1.5	52.8	9.9	37.2M	11.6	22.1	7.9	43.2	[illegible]
FULLERTON	13.8	4.7	19.1	6.7	29.4	2.3	39.9	- 2.8	55.0	0.2	66.1	1.9	70.4	0.2	71.9M	3.9	60.5	2.5	54.7	9.4	36.2	7.2	20.5	5.3	44.8	[illegible]
GACKLE	13.3M	5.6	17.8M	7.3	26.6M	1.3	36.4	- 5.7	52.8	- 1.5	63.1M	- 0.2	69.3	- 0.7	71.4	3.9	59.2M	1.4	54.1	8.7	35.9	8.5	22.3M	7.8	43.5	3.0
GARRISON	14.0	6.1	18.9M	7.8	23.6M	- 0.8	35.0	- 7.1	49.4	- 4.2	62.1	- 0.8	[illegible]	- 1.2	69.4	2.8	57.0	1.1	50.5	7.3	34.0	7.5	21.2	6.8	41.9	2.1
GRAFTON STATE SCHOOL	6.8	4.2	12.5	5.2	24.4	2.7	37.1	- 3.5	52.4	- 1.7	62.6	- 1.1	66.5	- 2.3	70.2	4.0	57.7	0.7	52.7	8.9	34.2	9.2	15.5	4.8	41.1	2.6
GRAND FORKS CAA AP	8.1	4.5	14.4	6.7	26.4	3.9	37.4	- 3.9	53.4	- 0.8	64.1	0.7	68.2	- 0.3	71.0	5.0	56.6	- 0.3	51.7	8.0	33.4	7.6	13.4	2.4	41.5	2.8
GRAND FORKS UNIV	9.9	6.3	16.1	8.4	27.6M	5.1	39.0	- 2.3	55.1	0.9	64.7	1.3	69.1	0.6	71.7	5.7	57.8	0.9	53.8	10.1	34.6	8.8	15.0M	4.0	42.9	4.2
GRAND RAPIDS 1 N	13.0		18.9		28.9		39.7		55.0		65.0		69.7		71.1		59.3		53.7		35.3		19.8		44.1	
GRANVILLE	13.4	8.3	18.6M	8.6	26.1M	1.6	36.8M	- 4.0	53.1	0.2	62.1M	- 0.6	68.2	- 0.5	69.2M	3.5	57.8M	1.9	52.5M	8.9	36.0	9.6	20.1	7.1	42.8	3.7
GRENORA	15.8M	10.9	19.5M	10.5	26.7	4.3	35.4M	- 3.9	51.2	- 1.0	61.8	0.8	67.3M	- 0.1	67.6	2.0	57.2M	1.9	51.2	9.1	36.2	10.1	24.5M	12.2	42.9	4.9
HANKINSON R R STA	11.3	3.4	16.4M	2.3	28.1M	- 0.5	38.2M	- 5.3	54.9	- 3.1	66.0	- 0.9	71.1	- 0.3	70.8	0.1	58.4M	- 2.1	53.0	6.4	35.5M	6.6	17.4M	- 0.3	43.4	0.5
HANNAH	5.8M	4.6	10.9M	8.3	22.7M	3.5	33.7	- 4.2	50.9	- 0.7	60.6M	0.1	65.0M	- 1.2	67.0	2.9	53.4	- 1.4	50.0M	9.2	33.2M	12.5	13.9M	6.3	38.9	3.5
HANSBORO	8.5	7.9	14.5M	8.4	22.1	1.4	35.4M	- 3.2	52.3M	0.8	60.7M	- 0.1	65.6M	- 0.7	67.3M	3.8	54.9	0.7	50.2M	8.9	33.3M	9.8	16.4M	7.2	40.1	3.7
HETTINGER	24.1	10.4	23.6M	7.1	28.6	- 0.3	36.1M	- 6.8	49.5M	- 5.0	63.2	- 0.8	67.6	- 4.1	68.1	- 0.8	57.8	- 0.8	52.2	6.1	37.7M	6.3	26.3	8.0	44.5	1.5
HILLSBORO	12.1	7.2	18.3	8.1	28.1	2.8	38.2	- 4.0	54.0	- 0.8	64.5	- 0.2	70.7M	0.0	69.8	1.6	58.7M	- 0.3	53.5	8.3	34.6	7.3	16.3	4.3	43.2	2.8
JAMESTOWN CAA AP	12.0	4.9	19.2	9.3	27.3	2.9	36.6	- 5.1	52.7	- 1.4	63.1	- 0.6	67.6	- 2.0	70.4	3.5	57.6	0.6	52.3	7.6	34.6	7.3	19.2	5.3	42.7	2.7
JAMESTOWN STATE HOSP	13.7	6.6	19.5	9.6	27.9	3.5	37.6	- 4.1	53.8	- 0.3	64.6	0.9	69.5	- 0.1	72.0	5.1	59.5	2.5	54.0	9.3	35.8	8.5	20.6	6.7	44.0	4.0
KENMARE	11.7	5.9	15.6	7.4	22.8	- 0.4	34.5	- 5.7	49.7	- 4.2	61.4	- 1.0	66.4	- 2.9	67.8	1.8	55.4	- 0.8	49.9	6.4	35.9	9.6	21.5	7.3	41.1	2.0
KENSAL WILDLIFE REF	13.2		19.2		26.3M		36.1M		52.8		63.2		68.1M		70.9		59.6M		53.6M		35.5		19.6M		43.2	
LANGDON EXP FARM	6.9	6.5	12.2	7.4	23.2	3.4	34.4	- 3.2	51.1	- 0.7	60.9	0.3	66.0	- 0.3	68.3	4.6	55.1	1.6	51.4	10.5	32.8	9.1	14.0	5.2	39.7	3.8
LARIMORE	10.3	6.5	17.1	9.4	27.2	4.5	37.9	- 2.3	53.8	0.4	63.3	0.4	68.1	0.0	70.6	4.7	57.9	1.5	52.7	8.6	35.0	9.2	16.7	5.2	42.6	4.1
LEEDS	10.3M		16.4		24.0		36.1		53.3M		62.9M		67.0		69.7		55.9M		50.9		33.9		17.4		41.5	
LINTON	17.7M	8.4	22.4	8.6	28.7	0.7	38.1	- 4.7	54.0	- 1.7	64.6	- 0.6	70.0	- 2.7	72.6	2.5	59.4M	- 0.4	53.3	7.8	36.8M	8.0	23.6M	8.3	45.1	2.9
LISBON	M		18.9M	7.3	27.5M	0.2	36.5	- 5.6	54.0M	- 0.8	M		69.5	- 0.9	72.0	4.2	59.0M	0.9	54.3	9.6	34.6	5.8	17.8	3.0	-	
LOSTWOOD 12 N	11.8		15.6		24.8M		32.4		47.0M		M		65.9M		67.3M		54.9M		M		M		20.0		-	
MADDOCK AGR SCHOOL	12.8	8.2	17.8	7.6	24.9	0.6	36.6	- 4.0	53.1	- 0.7	63.3	1.1	68.0	- 0.9	70.4	3.9	57.7	0.8	51.4	7.9	33.7	7.5	18.5	7.1	42.4	[illegible]
MANDAN EXP STATION	16.9M	8.3	21.0	8.4	25.6	- 1.2	36.6	- 6.0	51.4	- 3.7	63.3	- 1.1	68.7	- 3.2	70.0	1.1	59.4	0.8	52.9	8.2	35.9	7.0	23.7	8.6	43.8	2.3
MANDAN FT LINCOLN PARK	18.8		23.9		28.3M		38.0M		52.5M		64.8		70.1		71.2M		60.6M		53.3		36.7		25.1		45.3	
MARMARTH	24.7	11.2	24.2M	7.0	31.8M	3.0	37.8	- 5.4	51.2M	- 2.4	64.3M	0.9	70.6M	- 0.6	69.3M	1.1	58.5M	0.7	51.2M	5.2	36.1M	5.2	27.9M	9.4	45.6	2.9
MAX	13.0	8.5	16.2M	6.6	22.8M	- 1.7	33.9M	- 6.7	49.8	- 4.3	62.2	- 1.4	68.5M	- 2.9	69.3M	1.9	58.1M	1.5	50.8	7.9	33.4M	7.7	19.5M	5.1	41.5	1.9
MAYVILLE	11.7	5.7	18.8	9.0	27.6	2.9	38.4	- 4.1	55.1	- 0.3	64.8	0.3	69.4	- 0.8	71.1	3.2	58.7	0.2	53.2	7.2	35.7	7.9	16.5	3.2	43.4	2.8
MC CLUSKY	13.2	6.8	18.8	7.0	24.4M	- 1.8	35.1	- 6.0	51.6	- 2.4	63.4	1.1	69.5	- 0.9	71.4	4.2	59.0M	1.8	M		34.6	9.0	21.0	7.3	-	
MC HENRY 5 N	9.9	8.4	15.8	10.4	24.8	1.8	35.0	- 5.6	51.5	- 1.2	61.5	- 0.3	66.4	- 1.7	68.7	3.0	56.4	0.6	52.2	8.9	33.7	7.1	16.5	5.7	41.0	3.1
MC LEOD 3 E	12.5M	4.2	18.6M	5.6	30.3M	2.5	39.6M	- 4.0	56.5M	0.7	65.6M	0.3	69.1M	- 2.3	71.1M	2.6	59.2M	- 0.4	54.0	7.5	36.1	6.4	17.0	1.9	44.2	2.2
MEDORA 4 NNE	23.9		25.0M		31.3		37.3		51.7M		64.1		70.1M		70.1M		58.5		50.8		38.5		26.4		45.6	
MINOT CAA AP	14.3	7.7	18.4	8.2	24.9	1.3	34.8	- 6.0	51.2	- 1.9	62.1	- 0.5	67.9	- 0.9	69.4	3.8	57.2	0.8	51.2	7.4	35.8	7.7	20.6	7.5	42.3	2.6
MINOT EXPERIMENT STA	14.1		19.3M		25.4		35.7		51.7M		63.1M		67.6		68.4		57.1M		51.6		35.3		21.8M		42.6	
MOFFIT 4 SE	-		-		-		33.8M		50.3		62.5		66.7		69.5M		57.4		53.2M		37.3M		24.5		-	
MOHALL	10.9	6.1	16.0	8.5	24.5	3.0	35.8	- 4.6	51.6M	- 1.5	62.1	0.4	66.6M	- 0.9	68.6	3.8	57.1	2.2	50.9	8.7	34.4	9.4	19.1	7.4	41.5	3.6
MOTT	22.8M	12.6	23.8	9.7	29.6M	2.0	36.0	- 6.3	50.4M	- 4.2	62.6	- 2.4	67.5	- 4.1	67.7	- 0.3	57.2	- 0.6	50.8	6.4	36.7	7.4	25.4	9.6	44.2	[illegible]
MUNICH 4 SW	4.8		12.2		21.6		33.0		50.2		59.4		63.9M		66.8		53.3		48.9		32.2		13.8		38.3	
NAPOLEON 1 SE	14.7M	7.9	18.5	9.7	25.8	2.5	36.3	- 5.1	52.6	- 0.6	63.4	0.5	68.6	- 0.8	71.7	4.6	59.8	2.3	52.5	8.4	36.4	9.6	22.7	9.3	43.6	4.0
NEW ENGLAND	23.5	10.0	23.3	8.8	29.4	3.3	35.8	- 6.6	50.2	- 3.0	62.9	- 0.7	68.0	- 2.5	68.6	0.8	57.9	0.5	51.4	7.3	37.7M	8.3	26.0	8.6	44.6	2.9
NEW SALEM 1 S	17.9M	8.2	21.7	8.7	27.0	0.8	35.8	- 6.5	50.2M	- 3.2	61.9	- 1.7	67.7M	- 3.1	69.3	1.4	58.5	0.2	52.2	7.1	36.5	6.9	23.7	7.5	43.5	2.7
NEWTOWN	15.9	10.8	20.8M	12.2	27.7	2.9	36.0M	- 5.7	51.7M	- 3.5	62.9M	- 0.4	68.9	- 1.8	69.5M	1.9	57.7M	0.2	52.0	7.8	36.2	8.2	23.0	9.5	43.6	3.6
OAKES	10.4	1.5	16.6	3.7	27.1	- 0.6	37.7	- 5.1	52.8	- 2.8	64.8M	- 0.5	69.1	- 2.6	70.3	1.2	58.6	- 0.4	52.5	6.5	34.5	5.9	16.4	0.2	42.6	0.6
PARK RIVER	10.6	7.7	16.0	8.3	26.6	3.8	38.6	- 1.9	54.2M	0.6	64.2	1.1	68.7	0.2	70.8	4.2	57.9	1.0	53.1	9.4	34.6	7.6	16.7	5.6	42.7	4.0
PARSHALL	14.9	8.6	19.0	10.3	26.8	1.5	35.4	- 3.6	50.8	- 3.2	62.3	0.3	67.1	- 2.5	68.7	2.7	56.2	0.9	50.5	6.1	35.2	9.7	21.3M	6.8	42.4	3.2
PEMBINA 2 N	7.2	4.8	11.5M	8.7	24.7	6.3	38.4	- 0.1	53.7	0.5	63.5M	0.7	67.9	0.1	69.8	5.1	57.8	3.3	52.8	11.2	34.3	10.9	15.0	8.0	41.4	5.4
PETERSBURG	9.2		15.8M		24.3		36.4		51.9		62.5		67.5		70.3		57.1		51.5		33.7		15.2		41.3	
PETTIBONE	14.3	10.4	19.8	10.8	25.6	1.2	35.9	- 4.9	53.0M	- 0.2	63.3	0.7	69.5	0.0	71.8	3.3	59.5M	2.9	53.1	10.5	35.8M	9.7	M		-	
PORTAL	10.2M	7.2	13.4M	7.2	22.5	4.1	34.6M	- 6.0	49.4	- 2.7	61.7	1.1	66.1M	- 1.9	66.5M	1.7	55.1M	- 0.1	50.1M	8.6	34.8M	9.8	19.6	7.0	40.3	3.0
POWERS LAKE 1 N	14.1M	6.0	16.9M	5.1	24.5M	- 1.0	33.8	- 6.2	49.6M	- 3.9	61.3	- 0.2	66.7M	- 4.4	67.7M	1.9	53.8M	- 2.5	49.1M	4.6	32.7M	7.3	18.5M	2.7	40.7	0.8
RICHARDTON ABBEY	22.4	11.3	24.1	9.4	29.5	2.3	36.4	- 5.0	50.6	- 3.3	63.1	0.0	69.0	- 2.1	69.3	0.8	59.5	1.3	53.9	9.3	39.1	10.4	26.3	10.1	45.3	3.7
RIVERDALE	15.3		18.5		24.6		35.4		50.1		61.9		68.5		69.6		58.4		51.6		35.1		21.8		47.6	
ROLLA	8.0	5.4	16.4M	9.6	22.4	1.2	34.8	- 5.0	51.5	- 0.5	61.1M	0.8	65.8	- 0.9	67.7	2.1	55.0	- 0.1	50.1	7.6	32.7	9.5	15.9M	5.7	40.1	2.9
RUGBY	11.9		17.1		24.3		37.3		54.0		64.3		68.9		71.5		57.9		52.1		34.8		18.2		42.7	
SAN HAVEN	9.9	7.1	16.6	9.9	22.9	2.4	34.9	- 4.6	51.8	- 1.0	61.3	- 0.1	66.7	- 0.3	69.0	4.4	55.8	0.8	51.6	10.0	33.5	9.4	17.3	7.0	41.0	3.8
SHARON	10.0	6.5	17.4	7.9	25.6	1.4	37.3	- 2.3	52.7	- 1.4	63.7M	0.7	67.7	- 3.1	70.3	2.4	57.0M	- 0.4	52.2	8.6	34.8	10.1	16.2	4.0	42.1	2.9
STANLEY	12.9M		16.3M		23.7		33.7		48.9M		61.0		66.7M		67.3M		55.7M		50.0M		33.8		19.2		40.8	
STEELE	15.0	7.8	20.3	10.7	26.0	1.5	36.3	- 6.4	52.4	- 1.6	63.5	0.5	69.4	- 0.8	71.8	4.5	58.8	1.1	53.2	9.1	35.7	9.2	22.6	9.4	43.7	3.7
TOWNER	12.2	8.1	16.0M	8.1	23.1M	0.5	36.2	- 5.6	53.4	- 0.9	63.3	- 0.1	68.2	- 0.9	68.7	2.5	56.0	- 0.9	51.3M	7.8	34.8M	9.4	17.8M	6.6	41.7	2.8
TURTLE LAKE	M		M		M		M		51.9	- 2.0	63.5	1.2	69.2	- 0.3	70.0	2.7	58.5	1.0	52.9	8.8	35.6	7.5	22.9	9.6	-	
UNDERWOOD	14.4	4.5	17.8	3.5	23.6	- 5.3	35.2	- 8.6	49.9	- 6.4	61.8	- 7.5	67.2	- 4.7	69.2	0.9	57.4	- 0.8	50.3	5.3	33.9	5.6	20.1M	3.9	41.7	- 0.4
UPHAM 3 N	11.0		16.1		23.1M		36.6M		53.4M		63.8M		68.4		69.4		56.2M		51.0M		33.2		18.0M		41.7	
UPHAM 3 W							35.6		52.3		62.6		67.0M		M		M								-	
VALLEY CITY	13.2M	7.1	20.2	8.7	28.8	2.5	39.4	- 3.0	54.7	0.1	65.4	1.3	70.0	- 0.1	71.7	4.0	59.1	0.3	54.2	9.1	36.0	8.0	19.2M	4.7	44.3	3.5
VELVA	15.0M	8.3	20.2	8.8	26.1	0.8	36.3	- 5.1	53.3	- 1.3	63.3	- 1.3	68.1	- 1.9	69.1	2.3	57.7	0.5	52.0	7.7	35.8	8.4	21.6	6.6	43.2	2.8

See reference notes following Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
WAHPETON STATE SCHOOL	12.5	3.8	18.1	5.7	30.5	2.9	40.8	- 3.4	57.2	0.9	67.9	2.1	71.5	0.6	73.0	4.3	61.1	1.1	55.6	8.6	36.5	7.5	16.1	0.3	45.1	2.9
WASHBURN	16.7M	8.5	22.0	11.3	27.6M	2.1	37.4	- 5.9	53.2	- 2.1	64.7M	- 0.2	69.3M	- 1.9	70.4	2.3	M		53.7M	8.7	36.6	7.2	24.7	9.2	-	
WATFORD CITY	19.0	9.2	23.0	9.3	28.8	2.6	36.6M	- 4.8	51.5	- 3.0	63.1	0.0	69.3	- 1.8	69.3	1.0	58.5	0.8	52.5	8.3	38.2	9.7	24.9	9.6	44.5	3.3
WATFORD CITY 14 S	22.4M		25.4M		30.8M		38.3M		51.7M		63.3M		69.1M		70.1M		59.6M		54.7M		38.1M		26.7		45.9	
WESTHOPE	9.7	7.6	15.2	7.5	22.6	0.1	35.6	- 4.3	52.3	- 0.8	61.5	- 1.2	67.4	- 1.5	69.0M	3.5	54.5	- 1.1	48.7	6.1	32.3	7.2	15.8	5.6	40.3	2.4
WILLISTON WB CITY	16.1	6.1	21.5	8.0	28.1	1.6	36.0	- 6.9	50.9	- 3.7	63.0	0.0	69.2	- 1.7	69.7	1.6	58.0	0.8	52.3	6.8	37.6	9.3	24.4	8.7	43.9	2.6
WILLOW CITY	8.0	6.9	14.7	9.6	21.4	1.3	35.6	- 4.0	51.8	- 0.4	61.8	0.5	66.8	0.2	68.8	4.6	55.6	0.9	49.2M	7.7	32.6M	9.9	14.2M	5.0	40.1	3.6
WILTON RR STATION	14.8	6.8	18.2	7.9	23.1	- 1.9	34.3	- 7.9	48.8M	- 5.1	62.8M	0.0	66.3M	- 4.1	68.2M	0.5	M		51.1M	6.2	34.4M	7.1	21.5M	6.7	-	
WISHEK	14.3M	7.0	19.3	9.1	25.9M	- 0.2	35.6	- 5.9	52.2	- 1.0	63.1M	- 0.5	68.2M	- 2.2	70.2	3.2	58.2M	1.0	M		35.0M	6.6	21.4M	6.5	-	
SECTION AVERAGE	14.2	7.3	18.7	8.2	26.2	1.5	36.3	- 5.0	51.8	- 2.1	63.0	- 0.1	68.1	- 1.5	69.6	2.6	57.6	0.5	51.9	7.9	35.4	8.0	20.4	6.4	42.8	2.8

WEATHER SUMMARY (Continued)

High temperatures near the middle of the month were the highest readings so late in the season at many stations. Only two stations reported sub-zero temperatures during the month.

December was a warm month. Precipitation was above normal with heaviest snow in the east and north-central portions of the state. There were no severe storms making it a very pleasant month for most outdoor activities. Quite a heavy snow cover developed over most of the east and north-central portions of the state during the month except for the extreme northeast corner. This snow cover resulted in relatively colder weather than was reported from the rest of the state. Livestock were maintained in good condition because of the favorable weather.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADAMS 7 S	.55		.31		.29		2.74		3.06		4.14		2.36		1.22		1.28		1.23		.18		.64		18.00	
ALEXANDER	.63		.24		.73		2.62		5.80		5.12		.48		1.12		.46		1.30		.07		.56		19.13	
ALMONT 7 SW	.35		.32		1.14		2.16		3.54		5.13		1.47		3.43		1.34		.92		.16		.44		20.40	
AMBROSE	.38		.27		.52		1.91		4.55		6.88		.96		3.70		1.70		1.90		T		.40		23.17	
AMENIA	.16	-0.37	.26	-0.33	.38	-0.38	3.23	1.48	3.79	0.99	E9.69	6.10	1.17	-1.57	1.57	-0.97	.85	-1.05	1.01	-0.34	.75	0.07	.69	0.17	F23.55	3.85
AMIDON	.39	-0.04	.18	-0.29	1.14	0.39	1.70	0.38	2.39	0.05	4.44	0.96	1.16	-0.98	1.67	0.12	.31	-1.16	.70	-0.27	.35	-0.06	.40	0.01	14.83	-0.89
ARVILLA STATE PARK	.19		.30		.38		1.95		2.65		6.24		1.98		1.20		2.39		1.29		.48		.54		19.59	
ASHLEY	F.33	-0.11	.20	-0.25	1.26	0.43	2.21	0.60	2.93	0.53	4.39	0.97	2.59	-0.07	1.17	-1.27	.44	-1.03	.66	-0.40	.13	-0.42	.25	-0.25	E16.56	-1.27
BALTA	.43		E.34		.90		2.50		3.69		4.03		1.44		.28		1.40		.66		.26		.89		E16.82	
BANTRY	.69		.07		1.39		4.06		4.65		5.02		.86		.74		.53		.48		.23		.69		19.41	
BEACH	.38	-0.08	.26	-0.14	.72	-0.03	2.86	1.68	4.18	1.92	3.47	-0.12	.86	-0.94	1.45	-0.15	.59	-0.68	1.69	0.79	.22	-0.24	.62	0.15	17.30	2.16
BELCOURT INDIAN RES	.39		.17		1.01		1.43		3.89		3.98		1.61		1.46		.94		.37		.08		.48		15.81	
BELFIELD	.32	-0.14	.40	-0.05	1.84	1.03	2.73	1.44	4.25	1.90	5.10	1.68	2.30	0.08	4.40	2.59	.90	-0.44	2.56	1.59	.27	-0.21	.56	0.08	25.63	9.55
BERTHOLD	.53		.26		1.25		3.12		4.24		8.55		.47		1.25		.44		1.24		.16		.75		22.26	
BEULAH	.39	0.09	.32	-0.02	1.17	0.58	2.58	1.57	2.15	-0.19	6.03	2.23	1.01	-1.27	1.39	-0.44	.55	-1.00	1.02	0.20	.08	-0.28	.38	-0.03	17.07	1.44
BISBEE	.40	-0.05	.22	-0.14	1.05	0.34	2.36	1.17	3.92	1.77	3.81	0.45	1.65	-1.05	1.11	-1.24	.97	-0.72	.57	-0.42	.10	-0.37	.46	0.03	16.62	-0.23
BISMARCK	.42	0.04	.39	0.00	1.78	0.91	2.28	1.09	4.94	2.71	7.37	4.14	.83	-1.45	1.05	-0.58	.44	-1.00	1.27	0.36	.38	-0.10	.26	-0.22	21.41	5.90
BISMARCK WB AP R //	.43	0.07	.34	-0.09	1.77	1.01	2.44	1.05	4.40	2.46	5.68	2.35	.87	-1.46	.94	-0.56	.42	-1.01	1.03	0.03	.45	-0.08	.41	0.01	19.18	3.78
BISMARCK 12 ENE							2.56		5.64		6.73		.53		1.71		.64		.78		.11		.09		—	
BOTTINEAU	.52	0.11	.36	0.00	.95	0.28	1.77	0.93	4.89	2.84	2.54	-0.65	1.27	-1.12	.17	-2.28	1.04	-0.55	.46	-0.51	.31	-0.16	.59	0.12	14.87	-0.99
BOWBELLS	.53	0.03	.40	-0.02	1.09	0.52	1.51	0.45	4.97	2.69	7.99	4.75	1.70	-0.53	1.70	-0.28	.59	-0.82	2.00	1.15	.10	-0.36	.84	0.46	23.42	8.04
BOWMAN COURT HOUSE	.45	0.01	.38	-0.06	1.18	0.50	2.12	0.89	2.54	0.22	5.77	2.66	1.81	-0.27	1.39	-0.35	.21	-1.06	.64	-0.24	.18	-0.20	.27	-0.08	16.94	2.02
									3.14		7.68		1.24		3.01		.23		.52		.23		.15		20.81	
									1.98		3.78		1.81		1.53		.26		.61		.14		.26		14.03	
									2.77		5.84		2.39		4.93		1.00		.84		.04		.24		21.76	
								0.29	3.19	0.71	3.46	0.06	1.84	-0.89	.22	-1.72	1.47	-0.01	.79	-0.18	.72	0.12	.43	-0.06	16.01	-1.09
								3.00	3.82	1.33	4.80	1.35	1.11	-1.50	.94	-1.13	1.13	-0.29	.59	-0.44	.24	-0.31	.83	0.42	18.57	1.62
								0.90	4.27	1.87	5.52	2.04	2.30	0.31	1.15	-0.51	.59	-0.85	1.19	0.28	.27	-0.30	.59	0.11	20.56	4.58
								1.58	4.76	2.50	3.56	0.48	3.21	0.57	2.41	-0.10	2.10	-0.22	1.11	-0.18	.20	-0.54	.26	-0.43	21.76	2.90
								1.08	3.64	1.37	4.56	1.00	.8[illegible]	-1.59	1.96	0.25	2.43	1.07	1.55	0.64	.32	-0.19	.64	0.20	21.87	5.94
								0.03	4.04	1.34	7.41	3.93	.81	-1.72	1.66	-0.82	1.07	-0.76	1.17	0.06	.42	-0.25	.57	0.04	19.20	0.44
									4.21		8.20		.59		2.74		.94		2.68		.10		.49		22.79	
								-0.18	5.17	2.64	6.19	2.92	1.26	-1.33	1.23	-1.38	.45	-1.31	1.65	0.57	.30	-0.34	.80	0.22	E18.75	0.56
								0.13	4.46	2.03	7.01	3.81	1.20	-1.42	.86	-1.54	E.30	-1.54	.92	-0.23	.32	-0.25	.96	0.29	E18.15	-0.19
								0.72	3.64	1.67	7.69	4.53	.96	-1.12	2.24	0.42	1.07	-0.17	1.83	1.00	.01	-0.55	.44	-0.06	20.85	6.32
								0.87	3.59	1.46	4.88	1.70	1.01	-1.66	.88	-1.29	2.09	0.02	.59	-0.67	.22	-0.45	.88	0.40	17.63	0.02
								2.04	2.89	0.56	3.75	0.23	2.72	0.51	1.75	-0.09	.24	-1.06	1.63	0.72	.08	-0.40	.47	-0.04	18.58	2.78
								2.30	3.47	1.14	3.99	0.47	2.48	0.27	1.78	-0.06	.22	-1.08	1.93	1.07	.0[illegible]	-0.41	.23	-0.23	19.39	3.59
									2.92		7.27		.71		1.18		.56		1.57		.02		.52		20.12	
								0.35	3.25	1.17	3.79	0.63	2.58	0.28	.74	-1.28	1.88	0.45	1.11	0.07	.70	0.16	.86	0.45	18.53	2.82
								1.25	4.71	2.37	3.72	0.02	1.31	-1.02	4.56	2.90	.84	-0.56	1.33	0.50	.03	-0.41	.47	0.06	21.34	5.40
								1.33	5.39	3.41	4.90	1.92	.90	-1.46	1.03	-0.85	.47	-1.03	.68	-0.16	.43	-0.06	.65	0.18	18.89	4.19
								1.92	E3.00	0.44	6.61	2.94	.50	-2.07	.97	-1.38	.53	-1.13	.78	-0.24	.48	-0.04	.28	-0.21	E18.17	-0.22
								1.64	3.01	1.15	3.60	0.49	2.15	-0.69	1.69	-0.64	1.74	-0.11	.71	-0.27	.08	-0.54	.39	-0.15	16.91	-0.07
								1.44	4.12	1.93	4.21	0.53	1.31	-1.10	1.39	-0.45	.91	-0.58	1.15	0.35	.23	-0.17	.64	0.24	17.61	2.14
									3.22		5.06		1.31		1.15		.39		.73		T		.13		16.03	
								2.79	4.14	1.53	6.30	2.89	1.53	-1.12	1.99	-0.78	.50	-1.18	.71	-0.35	.93	0.37	.80	0.34	24.62	5.66
									5.09		6.22		1.06		2.77		.70		.58		1.07		.93		22.11	
								0.49	4.26	2.12	9.14	5.83	1.61	-0.44	1.30	-0.34	.98	-0.31	1.66	0.89	.22	-0.21	.35	-0.10	22.05	7.59
								2.24	4.73	2.37	3.81	0.08	.49	-1.79	2.06	0.48	1.21	-0.17	2.02	1.18	.12	-0.33	.21	-0.25	19.04	3.16
								1.06	3.44	1.27	5.23	2.19	1.08	-1.23	2.94	0.21	.75	-0.97	.32	-0.94	.77	-0.10	.70	0.10	19.57	0.84
								1.26	3.88	1.60	4.59	1.11	2.65	0.08	.57	-1.61	1.12	-0.39	.85	-0.21	.62	0.02	.87	0.31	18.96	1.64
									5.28		4.60		1.79		1.26		.92		1.49		.27		.29		19.65	
									3.60		8.01		2.32		1.97		.38		1.89		.13		.70		22.26	
									2.64		6.59		1.25		2.00		.34		.79		.46		.29		20.20	
								1.04	5.79	2.84	4.63	1.03	1.07	-1.81	2.21	-0.54	.29	-1.78	.78	-0.57	.92	0.35	.86	0.30	20.77	0.28
								1.63	3.51	1.35	4.82	1.35	.94	-1.14	2.25	0.36	.42	-1.03	1.0[illegible]	0.03	.19	-0.26	.31	-0.07	F17.91	2.03
								1.42	3.68	1.65	7.64	4.66	.43	-1.50	1.05	-0.93	.40	-1.15	.91	0.03	.24	-0.44	.88	0.37	E19.40	3.98
								2.61	3.82	0.83	6.13	2.22	.95	-1.93	2.33	-0.21	.39	-1.57	.73	-0.60	1.24	0.53	1.17	0.40	23.84	2.14
								1.63	3.24	0.66	5.50	2.03	1.11	-1.57	1.42	-0.93	.66	-0.92	.41	-0.55	.57	0.03	.47	0.02	18.38	0.49
								0.27	3.62	1.29	5.15	1.73	1.35	-1.14	.8[illegible]	-1.08	.48	-0.98	.9[illegible]	0.08	.18	-0.31	.52	0.04	16.18	-0.12
									3.18		5.35		1.02		1.2[illegible]		1.18		1.19		.07		.36		18.67	
									2.76		5.15		1.96		2.2[illegible]		.59		1.19		T		.49		19.29	
								1.75	4.49	2.47	3.73	0.48	2.18	-0.58	1.8[illegible]	-0.71	1.26	-0.90	1.29	0.15	.37	-0.32	1.05	0.52	20.19	2.01
								-0.15	2.63	0.13	4.22	0.94	2.28	-0.50	.6[illegible]	-1.93	1.53	-0.39	1.20	-0.16	.62	-0.17	1.03	0.41	17.40	-2.00
								0.66	3.42	0.92	4.39	1.11	2.57	-0.21	.7[illegible]	-1.83	1.72	-0.20	1.13	-0.23	.55	-0.24	.57	-0.05	18.64	-0.76
									2.78		5.50		1.33		1.00		.81		1.39		.93		.64		20.17	
								1.60	4.96	2.93	7.06	3.87	1.27	-1.00	1.29	-0.58	.61	-0.95	.80	-0.04	.62	0.08	.81	0.35	21.85	6.80
									E2.92		5.24		1.64		2.87		.5[illegible]		1.26		.19		1.37		E21.39	
								1.09	4.62	2.40	10.14	7.18	1.7[illegible]	-0.06	1.30	-0.20	1.2[illegible]	0.05	1.52	0.73	.33	-0.22	.28	-0.24	24.03	9.82
									3.37		3.87		1.28		2.68		.97		1.02		.15		.44		18.71	
								1.24	4.39	1.52	6.18	2.60	.65	-2.22	3.28	0.53	.85	-1.25	.46	-0.91	1.16	0.51	.91	0.39	23.30	2.76
								0.08	3.44	1.33	4.55	1.14	1.68	-0.75	2.89	0.52	1.49	-0.62	.84	-0.23	.11	-0.58	.34	-0.25	17.84	-0.07
								0.31	5.11	3.01	3.11	-0.21	1.76	-0.78	1.88	-0.44	1.10	-0.76	.25	-0.79	.02	-0.52	.52	-0.02	16.16	-1.34
								0.60	3.80	1.62	4.32	0.95	3.04	0.64	.29	-1.90	1.26	-0.17	.77	-0.30	.37	-0.21	.44	-0.09	17.29	0.56
								1.42	5.16	2.88	5.30	2.14	1.51	-0.77	1.86	0.32	.43	-0.87	1.27	0.56	.23	-0.17	.31	-0.06	21.40	6.85
								1.23	2.69	-0.26	10.55	7.13	1.63	-1.01	3.32	0.57	2.14	0.07	1.57	0.23	.60	-0.16	.70	0.06	26.99	6.72
								2.41	5.64	2.87	11.31	7.81	2.04	-0.66	1.85	-0.70	.49	-1.18	.64	-0.65	.58	-0.09	.71	0.06	28.82	9.28
								1.39	4.86	2.09	7.80	4.30	1.91	-0.79	1.52	-1.03	.42	-1.25	.57	-0.72	.40	-0.27	.47	-0.18	22.35	2.81
									4.01		5.44		1.73		2.52		.85		1.20		.13		.62		20.56	
								0.78	4.24	2.26	6.31	3.42	1.17	-1.13	1.66	-0.25	.65	-0.92	1.78	0.82	.11	-0.43	.74	0.31	20.44	5.55
									4.12		6.33		1.83		.83		.49		.74		E.37		.75		E19.26	
									3.98		5.69		1.97		1.74		.75		1.46		.10		.95		22.20	
									2.40		5.7[illegible]		1.26		.67		.38		.71		.43		.22		16.17	
								1.50	3.75	1.76	2.9[illegible]	-0.30	1.22	-1.28	3.71	1.24	2.22	-0.01	1.20	0.17	.20	-0.53	.49	-0.14	20.02	1.95
									4.27		5.2[illegible]		3.48		1.02		.34		.80		.56		1.01		23.09	
								0.70	3.03	0.30	6.97	3.41	1.27	-1.67	1.23	-1.48	1.39	-0.66	.98	-0.46	.72	-0.10	.90	0.34	19.50	-0.87
									F4.43		4.53		1.71		.64		1.68		.61		.19		.93		E20.52	
									2.51		4.95		1.99		2.65		1.72		1.60		.05		.33		19.75	
								2.46	3.45	1.16	7.1[illegible]	3.89	1.14	-0.99	1.22	-0.86	.41	-1.16	.79	-0.25	.07	-0.38	.32	-0.07	20.98	4.94
								1.36	4.25	1.48	6.41	2.51	1.13	-1.77	2.39	-0.51	.31	-1.69	.57	-0.67	.71	0.08	1.04	0.53	E21.39	0.70
									3.93		6.33		2.04		1.14		.79		.82		.58		.49		20.40	
									4.45		8.06		1.69		1.11		.79		2.51		E.10		.49		E21.78	
								1.35	4.01	1.96	3.59	0.20	2.23	-0.46	.91	-1.40	1.35	-0.31	.77	-0.21	.35	-0.16	1.01	0.58	18.87	2.27
								0.53	3.78	1.52	6.56	3.28	1.10	-1.21	2.95	1.37	.36	-1.10	1.69	0.79	.39	-0.13	.30	-0.15	21.76	6.12
									3.93		6.16		.91		2.54		.43		1.28		.37		.14		20.98	
								1.15	2.39	0.10	3.52	0.39	1.31	-0.60	2.53	0.91	.36	-0.90	1.06	0.27	.33	-0.04	.41	0.01	16.25	1.85
									2.74		E3.87		1.82		.36		.75		E1.00		.67		.55		E16.29	
								0.32	6.61	4.41	5.07	1.68	1.90	-0.64	2.21	0.33	.86	-0.53	1.08	0.28	.95	0.45	1.06	0.66	23.92	8.03
MAYVILLE	.41	0.02	.30	-0.14	.29	-0.40	2.32	0.77	2.87	0.15	6.67	3.30	1.44	-1.27	1.88	-0.67	2.11	0.05	2.20	0.94	.20	-0.51	1.16	0.64	21.85	2.88
MC CLUSKY	.45	0.01	.39	-0.13	1.40	0.62	4.12	2.88	3.01	0.55	3.51	0.05	.94	-1.59	.75	-1.18	1.03	-0.34	.83	-0.16	.78	0.23	1.01	0.49	18.22	1.47
MC HENRY 5 N	.18	-0.24	.21	-0.24	.16	-0.53	1.2[illegible]	-0.17	3.99	1.68	4.11	0.64	3.33	0.53	1.10	-1.22	.92	-0.51	.76	-0.29	.28	-0.26	.70	0.21	16.94	-0.40
MC LEOD 3 E	.34	-0.22	.14	-0.42	E.27	-0.51	2.0[illegible]	0.09	6.03	3.02	4.87	1.04	1.89	-0.96	2.69	-0.01	.73	-1.30	.41	-0.97	.72	0.09	.95	0.49	E21.12	0.34
MC VILLE	.26		.17		.08		1.7[illegible]		3.17		6.0[illegible]		2.15		1.24		1.46		1.55		.48		.73		19.07	
MEDINA 1 W	.24		.26		1.05		2.74		3.8[illegible]		4.1[illegible]		1.15		1.22		.46		.26		.48		.24		16.00	

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See reference notes following Station Index.

Table 1—Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
WAHPETON STATE SCHOOL	12.5	3.8	18.1	5.7	30.5	2.9	40.8	- 3.4	57.2	0.9	67.9	2.1	71.5	0.6	73.0	4.3	61.1	1.1	55.6	8.6	36.5	7.5	16.1	0.3	45.1	2.9
WASHBURN	16.7M	8.5	22.0	11.3	27.6M	2.1	37.4	- 5.9	53.2	- 2.1	64.7M	- 0.2	69.3M	- 1.9	70.4	2.3	M		53.7M	8.7	36.6	7.2	24.7	9.2	-	
WATFORD CITY	19.0	9.2	23.0	9.3	28.8	2.6	36.6M	- 4.8	51.5	- 3.0	63.1	0.0	69.3	- 1.8	69.3	1.0	58.5	0.8	52.5	8.3	38.2	9.7	24.9	9.6	44.5	3.3
WATFORD CITY 14 S	22.4M		25.4M		30.8M		38.3M		51.7M		63.3M		69.1M		70.1M		59.6M		54.7M		38.1M		26.7		45.9	
WESTHOPE	9.7	7.6	15.2	7.5	22.6	0.1	35.6	- 4.3	52.3	- 0.8	61.5	- 1.2	67.4	- 1.5	69.0M	3.5	54.5	- 1.1	48.7	6.1	32.3	7.2	15.8	5.6	40.3	2.4
WILLISTON WB CITY	16.1	6.1	21.5	8.0	28.1	1.6	36.0	- 6.9	50.9	- 3.7	63.0	0.0	69.2	- 1.7	69.7	1.6	58.0	0.8	52.3	6.8	37.6	9.3	24.4	8.7	43.9	2.6
WILLOW CITY	8.0	6.9	14.7	9.6	21.4	1.3	35.6	- 4.0	51.8	- 0.4	61.8	0.5	66.8	0.2	68.8	4.6	55.6	0.9	49.2M	7.7	32.6M	9.9	14.2M	5.0	40.1	3.6
WILTON RR STATION	14.8	6.8	18.2	7.9	23.1	- 1.9	34.3	- 7.9	48.8M	- 5.1	62.8M	0.0	66.3M	- 4.1	68.2M	0.5	M		51.1M	6.2	34.4M	7.1	21.5M	6.7	-	
WISHEK	14.3M	7.0	19.3	9.1	25.9M	- 0.2	35.6	- 5.9	52.2	- 1.0	63.1M	- 0.5	68.2M	- 2.2	70.2	3.2	58.2M	1.0	M		35.0M	6.6	21.4M	6.5	-	
SECTION AVERAGE	14.2	7.3	18.7	8.2	26.2	1.5	36.3	- 5.0	51.8	- 2.1	63.0	- 0.1	68.1	- 1.5	69.6	2.6	57.6	0.5	51.9	7.9	35.4	8.0	20.4	6.4	42.8	2.8

High temperatures near the [illegible] orth-central portions of the state during
highest readings so late [illegible] pt for the extreme northeast corner. This
Only two stations reported [illegible] ulted in relatively colder weather than
the month. [illegible] rom the rest of the state. Livestock were
[illegible] good condition because of the favorable

December was a warm month [illegible]
mal with heaviest snow in [illegible]
portions of the state. T [illegible]
making it a very pleasant [illegible]
ities. Quite a heavy sno [illegible]

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADAMS 7 S	.55		.31		.29		2.74		3.06		4.14		2.36		1.22		1.28		1.23		.18		.64		18.00	
ALEXANDER	.63		.24		.73		2.62		5.80		5.12		.48		1.12		.46		1.30		.07		.56		19.13	
ALMONT 7 SW	.35		.32		1.14		2.16		3.54		5.13		1.47		3.43		1.34		.92		.16		.44		20.40	
AMBROSE	.38		.27		.52		1.91		4.55		6.88		.96		3.70		1.70		1.90		T		.40		23.17	
AMENIA	.16	-0.37	.26	-0.33	.38	-0.38	3.23	1.48	3.79	0.99	E 9.69	6.10	1.17	-1.52	1.57	-0.97	.85	-1.05	1.01	-0.34	.75	0.07	.69	0.17	E23.55	3.85
AMIDON	.39	-0.04	.18	-0.29	1.14	0.39	1.70	0.38	2.39	0.05	4.44	0.96	1.16	-0.98	1.67	0.12	.31	-1.16	.70	-0.27	.35	-0.06	.40	0.01	14.83	-0.89
ARVILLA STATE PARK	.19		.30		.38		1.95		2.65		6.24		1.98		1.20		2.39		1.29		.48		.54		19.59	
ASHLEY	E .33	-0.11	.20	-0.25	1.26	0.43	2.21	0.60	2.93	0.53	4.39	0.97	2.59	-0.07	1.17	-1.27	.44	-1.03	.66	-0.40	.13	-0.42	.25	-0.25	E16.56	-1.27
BALTA	.43		E .34		.90		2.50		3.69		4.03		1.44		.28		1.40		.66		.26		.89		E16.82	
BANTRY	.69		.07		1.39		4.06		4.65		5.02		.86		.74		.53		.48		.23		.69		19.41	
BEACH	.38	-0.08	.26	-0.14	.72	-0.03	2.86	1.68	4.18	1.92	3.47	-0.12	.86	-0.94	1.45	-0.15	.59	-0.68	1.69	0.79	.22	-0.24	.67	0.15	17.30	2.16
BELCOURT INDIAN RES	.39		.17		1.01		1.43		3.89		3.98		1.61		1.46		.94		.37		.08		.48		15.81	
BELFIELD	.32	-0.14	.40	-0.05	1.84	1.03	2.73	1.44	4.25	1.90	5.10	1.68	2.30	0.08	4.40	2.59	.90	-0.44	2.56	1.59	.27	-0.21	.56	0.08	25.63	9.55
BERTHOLD	.53		.26		1.75		3.12		4.24		8.55		.47		1.75		.44		1.24		.16		.75		22.26	
BEULAH	.39	0.09	.32	-0.02	1.17	0.58	2.58	1.57	2.15	-0.19	6.03	2.23	1.01	-1.27	1.39	-0.44	.55	-1.00	1.02	0.20	.08	-0.28	.38	-0.03	17.07	1.44
BISBEE	.40	-0.05	.22	-0.14	1.05	0.34	2.36	1.17	3.92	1.77	3.81	0.45	1.65	-1.05	1.11	-1.24	.97	-0.72	.57	-0.42	.10	-0.37	.46	0.03	16.62	-0.23
BISMARCK	.42	0.04	.39	0.00	1.78	0.91	2.28	1.09	4.94	2.71	7.37	4.14	.83	-1.45	1.05	-0.58	.44	-1.00	1.27	0.36	.38	-0.10	.26	-0.22	21.41	5.90
BISMARCK WB AP R //	.43	0.07	.34	-0.09	1.77	1.01	2.44	1.05	4.40	2.46	5.68	2.35	.87	-1.46	.94	-0.56	.42	-1.01	1.03	0.03	.45	-0.08	.41	0.01	19.18	3.78
BISMARCK 12 ENE							2.56		5.64		6.73		.53		1.71		.64		.78		.11		.09		—	
BOTTINEAU	.52	0.11	.36	0.00	.95	0.28	1.77	0.93	4.89	2.84	2.54	-0.65	1.27	-1.12	.17	-2.28	1.04	-0.55	.46	-0.51	.31	-0.16	.59	0.12	14.87	-0.99
BOWBELLS	.53	0.03	.40	-0.02	1.09	0.52	1.51	0.45	4.97	2.69	7.99	4.75	1.70	-0.53	1.70	-0.28	.59	-0.82	2.00	1.15	.10	-0.36	.84	0.46	23.42	8.04
BOWMAN COURT HOUSE	.45	0.01	.38	-0.06	1.18	0.50	2.12	0.89	2.54	0.22	5.77	2.66	1.81	-0.27	1.39	-0.35	.21	-1.06	.64	-0.24	.18	-0.20	.27	-0.08	16.94	2.07
BOWMAN 11 SE	.43		.49		1.43		2.26		3.14		7.68		1.24		3.01		.23		.52		.23		.15		20.81	
BOWMAN 30 NNW	.43		.11		.75		2.37		1.98		3.78		1.81		1.53		.26		.61		.14		.26		14.03	
BURT 16 N	.13		.19		1.60		1.79		2.77		5.84		2.39		4.93		1.00		.84		.04		.24		21.76	
BUTTE	.41	0.05	.56	0.03	1.33	0.51	1.59	0.29	3.19	0.71	3.4[illegible]	0.06	1.84	-0.89	.22	-1.72	1.47	-0.01	.79	-0.18	.72	0.12	.43	-0.06	16.01	-1.09
CARRINGTON	.22	-0.20	.29	-0.19	.27	-0.42	4.33	3.00	3.82	1.33	4.8[illegible]	1.35	1.11	-1.50	.94	-1.13	1.13	-0.29	.59	-0.44	.24	-0.31	.83	0.42	18.67	1.62
CARSON NO 2	.36	-0.00	.07	-0.41	2.00	1.14	2.25	0.90	4.27	1.87	5.52	2.04	2.30	0.31	1.15	-0.51	.59	-0.85	1.19	0.28	.27	-0.30	.59	0.11	20.56	4.58
CAVALIER	.58	-0.09	.16	-0.35	.44	-0.32	2.97	1.58	4.76	2.50	3.56	0.48	3.21	0.57	2.41	-0.10	2.10	-0.22	1.11	-0.18	.20	-0.54	.26	-0.43	21.76	2.90
CENTER	.72	0.35	.52	0.10	2.39	1.66	2.31	1.08	3.64	1.37	4.56	1.00	.83	-1.59	1.96	0.25	2.43	1.07	1.55	0.64	.32	-0.19	.64	0.20	21.87	5.94
COLGATE	.21	-0.27	.10	-0.39	.05	-0.75	1.69	0.03	4.04	1.34	7.41	3.93	.81	-1.72	1.66	-0.82	1.07	-0.76	1.17	0.06	.42	-0.25	.57	0.04	19.20	0.44
COLUMBUS	.35		.78		.81		1.40		4.21		8.70		.59		2.74		.94		2.68		.10		.49		22.79	
COOPERSTOWN	E .29	-0.22	.05	-0.47	.15	-0.56	1.21	-0.18	5.17	2.64	6.19	2.92	1.26	-1.33	1.23	-1.38	.45	-1.31	1.65	0.57	.30	-0.34	.80	0.22	E18.75	0.56
COURTENAY	.14	-0.47	.12	-0.46	.30	-0.54	1.56	0.13	4.46	2.03	7.01	3.81	1.20	-1.42	.86	-1.54	E .30	-1.54	.92	-0.23	.32	-0.25	.96	0.29	E18.15	-0.19
CROSBY	.39	-0.01	.21	-0.15	.72	0.04	1.65	0.72	3.64	1.67	7.69	4.53	.96	-1.12	2.24	0.42	1.07	-0.17	1.83	1.00	.01	-0.55	.44	-0.06	20.85	6.37
DEVILS LAKE WB CITY R	.32	-0.08	.26	-0.15	.60	-0.13	2.31	0.87	3.59	1.46	4.88	1.70	1.01	-1.66	.88	-1.29	2.09	0.07	.59	-0.67	.22	-0.45	.88	0.40	17.63	0.02
DICKINSON CAA AP R //	.30	-0.12	.28	-0.15	1.28	0.58	3.24	2.04	2.89	0.56	3.75	0.23	2.72	0.51	1.75	-0.09	.24	-1.06	1.63	0.72	.08	-0.40	.47	-0.04	18.58	2.78
DICKINSON EXP STA	.17	-0.25	.27	-0.16	1.28	0.58	3.50	2.30	3.47	1.14	3.99	0.47	2.48	0.27	1.78	-0.06	.22	-1.08	1.93	1.07	.07	-0.41	.23	-0.23	19.39	3.59
DONNYBROOK	.97		.15		1.79		2.46		2.92		7.27		.71		1.18		.56		1.57		.02		.52		20.12	
DRAKE	.35	-0.04	.43	-0.04	1.32	0.62	1.52	0.35	3.25	1.17	3.79	0.63	2.58	0.28	.74	-1.28	1.88	0.45	1.11	0.07	.70	0.16	.86	0.45	18.53	2.82
DUNN CENTER	.38	0.02	.33	-0.13	1.15	0.40	2.51	1.25	4.71	2.37	3.72	0.02	1.31	-1.02	4.56	2.90	.84	-0.56	1.33	0.50	.03	-0.41	.47	0.06	21.34	5.40
ECKMAN	.63	0.27	.27	-0.10	1.30	0.74	2.24	1.33	5.39	3.41	4.90	1.92	.90	-1.46	1.03	-0.85	.47	-1.03	.68	-0.16	.43	-0.06	.65	0.18	18.89	4.19
EDGELEY EXP FARM	.24	-0.25	.33	-0.15	.78	-0.05	3.67	1.92	E 3.00	0.44	6.61	2.94	.50	-2.07	.97	-1.38	.53	-1.13	.78	-0.24	.48	-0.04	.28	-0.71	E18.17	-0.22
EDMORE 1 W	.24	-0.25	.14	-0.27	.26	-0.43	2.90	1.64	3.01	1.15	3.60	0.49	2.15	-0.69	1.69	-0.64	1.74	-0.11	.71	-0.27	.08	-0.54	.39	-0.15	16.91	-0.07
ELBOWOODS	.33	-0.00	.32	-0.07	.55	0.02	2.45	1.44	4.12	1.93	4.21	0.53	1.31	-1.10	1.39	-0.45	.91	-0.58	1.15	0.35	.23	-0.17	.64	0.24	17.61	2.14
ELGIN 5 S	.11		.14		1.36		2.43		3.22		5.06		1.31		1.15		.39		.73		T		.13		16.03	
ELLENDALE	.90	0.44	1.06	0.57	1.11	0.16	4.65	2.79	4.14	1.53	6.30	2.89	1.53	-1.12	1.99	-0.78	.50	-1.18	.71	-0.35	.93	0.37	.80	0.34	24.62	5.66
ENDERLIN	.07		.53		.18		2.91		5.09		6.22		1.06		2.77		.70		.58		1.07		.93		22.11	
EPPING	.6[illegible]	0.18	.17	-0.28	.33	-0.24	1.48	0.49	4.26	2.12	9.14	5.83	1.61	-0.44	1.30	-0.34	.98	-0.31	1.66	0.89	.22	-0.21	.35	-0.10	22.05	7.59
FAIRFIELD	.24	-0.20	.18	-0.24	.51	-0.21	3.46	2.24	4.73	2.37	3.81	0.08	.49	-1.79	2.06	0.48	1.71	-0.17	2.02	1.18	.12	-0.33	.21	-0.25	19.04	3.16
FARGO WB AIRPORT R //	.37	-0.23	.57	-0.09	.46	-0.43	2.94	1.06	3.44	1.27	5.2[illegible]	2.19	1.08	-1.23	2.94	0.21	.75	-0.97	.32	-0.94	.77	-0.10	.70	0.10	19.57	0.84
FESSENDEN	.21	-0.28	.15	-0.37	.87	0.12	2.58	1.26	3.88	1.60	4.5[illegible]	1.11	2.65	0.08	.57	-1.61	1.12	-0.39	.85	-0.21	.62	0.02	.87	0.31	18.96	1.64
FLASHER	.71		.14		1.45		1.95		5.28		4.6[illegible]		1.79		1.76		.92		1.49		.27		.29		19.65	
FLAXTON	.5[illegible]		.45		.95		1.28		3.60		8.0[illegible]		2.32		1.97		.38		1.89		.13		.70		22.26	
FORBES 13 NW	.63		1.27		1.13		2.81		2.64		6.5[illegible]		1.25		2.00		.34		.79		.46		.29		20.20	
FORMAN	.45	0.00	.47	-0.03	.25	-0.55	3.05	1.04	5.79	2.84	4.6[illegible]	1.03	1.07	-1.81	2.21	-0.54	.29	-1.78	.7[illegible]	-0.57	.92	0.35	.86	0.30	20.77	0.28
FORT YATES	E .26	-0.13	.31	-0.15	.90	0.09	2.98	1.63	3.51	1.35	4.8[illegible]	1.35	.94	-1.14	2.25	0.36	.42	-1.03	1.0[illegible]	0.03	.19	-0.26	.31	-0.07	E17.91	2.03
FOXHOLM 7 N	E .50	0.06	.11	-0.36	.89	0.17	2.67	1.42	3.68	1.65	7.64	4.66	.43	-1.50	1.05	-0.93	.40	-1.15	.91	0.03	.24	-0.44	.88	0.37	E19.40	3.98
FULLERTON	.73	0.03	1.07	0.36	.53	-0.53	4.75	2.61	3.82	0.83	6.13	2.22	.95	-1.93	2.33	-0.21	.39	-1.57	.73	-0.60	1.24	0.53	1.17	0.40	23.84	2.14
GACKLE	.24	-0.20	.76	0.31	.83	-0.02	3.17	1.63	3.24	0.66	5.50	2.03	1.11	-1.57	1.42	-0.93	.66	-0.92	.41	-0.55	.57	0.03	.47	0.02	18.38	0.49
GARRISON	.44	0.07	.25	-0.26	.96	0.17	1.43	0.27	3.62	1.29	5.15	1.73	1.35	-1.14	.86	-1.08	.48	-0.98	.94	0.08	.18	-0.31	.52	0.04	16.18	-0.17
GLEN ULLIN 13 N	.33		.20		1.70		3.39		3.18		5.35		1.02		1.20		1.18		1.19		.07		.36		18.67	
GOLDEN VALLEY 10 S	.50		.21		1.54		2.68		2.76		5.15		1.96		2.22		.59		1.19		T		.49		19.29	
GRAFTON STATE SCHOOL	.33	-0.17	.11	-0.46	.48	-0.22	3.09	1.75	4.49	2.47	3.73	0.48	2.18	-0.58	1.81	-0.71	1.26	-0.90	1.29	0.15	.37	-0.32	1.05	0.52	20.19	2.01
GRAND FORKS CAA AP R	.90	0.37	.35	-0.21	.44	-0.34	1.51	-0.15	2.63	0.13	4.22	0.94	2.28	-0.50	.69	-1.93	1.53	-0.39	1.20	-0.16	.62	-0.17	1.03	0.41	17.40	-2.00
GRAND FORKS UNIV	.39	-0.14	.42	-0.14	.37	-0.41	2.32	0.66	3.42	0.92	4.39	1.11	2.57	-0.21	.79	-1.83	1.72	-0.20	1.13	-0.23	.55	-0.24	.5[illegible]	-0.05	18.64	-0.76
GRAND RAPIDS 1 N	.18		.67		.56		4.38		2.78		5.50		1.33		1.00		.81		1.39		.93		.64		20.17	
GRANVILLE	.38	0.00	.27	-0.16	1.74	0.70	2.54	1.60	4.96	2.93	7.06	3.87	1.27	-1.00	1.29	-0.58	.61	-0.95	.80	-0.04	.62	0.08	.81	0.35	21.85	6.80
GRASSY BUTTE 10 N	.35		.11		1.98		2.96		E 2.92		5.24		1.64		2.87		.50		1.26		.19		1.37		E21.39	
GRENORA	.28	-0.16	.17	-0.28	.21	-0.47	2.12	1.09	4.62	2.40	10.14	7.18	1.78	-0.06	1.30	-0.20	1.28	0.05	1.52	0.73	.33	-0.22	.28	-0.24	24.03	9.82
HALLIDAY	.69		.32		1.09		2.83		3.37		3.87		1.28		2.68		.97		1.02		.15		.44		18.71	
HANKINSON RR STA	.69	0.22	.90	0.36	.59	-0.23	3.25	1.24	4.38	1.52	6.18	2.60	.65	-2.22	3.28	0.53	.85	-1.25	.46	-0.91	1.16	0.51	.91	0.39	23.30	2.76
HANNAH	.60	-0.10	.15	-0.44	.55	-0.17	1.20	0.08	3.44	1.33	4.55	1.14	1.68	-0.75	2.89	0.52	1.49	-0.62	.84	-0.23	.11	-0.58	.34	-0.25	17.84	-0.07
HANSBORO	.30	-0.31	.08	-0.42	.47	-0.41	1.56	0.31	5.11	3.01	3.11	-0.21	1.76	-0.78	1.88	-0.44	1.10	-0.76	.25	-0.79	.02	-0.52	.52	-0.02	16.16	-1.34
HARVEY 3 NE	.13	-0.35	.29	-0.16	.70	-0.07	1.88	0.60	3.80	1.62	4.32	0.95	3.04	0.64	.29	-1.90	1.26	-0.17	.77	-0.30	.37	-0.21	.44	-0.09	17.29	0.56
HETTINGER	.51	0.15	.42	-0.01	1.92	1.26	2.48	1.42	5.16	2.88	5.30	2.14	1.51	-0.77	1.86	0.32	.43	-0.87	1.27	0.56	.23	-0.17	.31	-0.06	21.40	6.85
HILLSBORO	.19	-0.32	.33	-0.27	.1[illegible]	-0.60	3.11	1.23	2.69	-0.26	10.55	7.13	1.63	-1.01	3.32	0.57	2.14	0.07	1.57	0.23	.60	-0.16	.70	0.06	26.99	6.72
JAMESTOWN CAA AP R //	.26	-0.29	.70	0.11	.4[illegible]	-0.41	4.11	2.41	5.64	2.87	11.31	7.81	2.04	-0.66	1.85	-0.70	.49	-1.18	.64	-0.65	.58	-0.09	.71	0.06	28.82	9.28
JAMESTOWN STATE HOSP	.17	-0.38	.49	-0.10	.65	-0.25	3.09	1.39	4.86	2.09	7.80	4.30	1.91	-0.79	1.52	-1.03	.42	-1.25	.57	-0.72	.40	-0.27	.47	-0.18	22.35	2.81
KEENE 2 S	.57		.33		.96		2.70		4.01		5.44		1.73		2.57		.85		1.20		.13		.62		20.56	
KENMARE	.74	0.39	.25	-0.14	1.09	0.44	1.70	0.78	4.24	2.26	6.31	3.42	1.1[illegible]	-1.13	1.66	-0.25	.65	-0.92	1.78	0.82	.11	-0.43	.74	0.31	20.44	5.55
KENSAL WILDLIFE REF	.09		.27		.40		3.04		4.12		6.33		1.8[illegible]		.83		.49		.74		E .37		.75		E19.76	
KILLDEER 8 NW	.47		.40		1.68		3.02		3.98		5.68		1.9[illegible]		1.74		.75		1.46		.10		.95		22.20	
KULM	.37		.26		.70		3.02		2.40		5.75		1.2[illegible]		.67		.38		.71		.43		.22		16.17	
LANGDON EXP FARM	.77	0.16	.26	-0.37	.53	-0.25	2.73	1.50	3.75	1.76	2.94	-0.30	1.2[illegible]	-1.28	3.71	1.24	2.22	-0.01	1.70	0.17	.20	-0.53	.49	-0.14	20.02	1.95
LANSFORD	.86		.38		1.77		3.32		4.27		5.28		3.4[illegible]		1.02		.34		.80		.56		1.01		23.09	
LARIMORE	.24	-0.36	.14	-0.41	.33	-0.48	2.30	0.70	3.03	0.30	6.97	3.41	1.2[illegible]	-1.67	1.23	-1.48	1.39	-0.66	.9[illegible]	-0.46	.72	-0.10	.90	0.34	19.50	-0.87
LEEDS	.55		.24		1.30		3.71		E 4.43		4.53		1.71		.64		1.68		.61		.19		.93		E20.52	
LEFOR 10 E	.13		.24		1.12		2.46		2.51		4.95		1.99		2.65		1.72		1.6[illegible]		.05		.33		19.75	
LINTON	.34	0.00	.53	0.11	1.81	1.03	3.74	2.46	3.45	1.16	7.16	3.89	1.14	-0.99	1.22	-0.86	.41	-1.16	.7[illegible]	-0.25	.07	-0.38	.32	-0.07	20.98	4.94
LISBON	E .29	-0.30	.75	0.16	.25	-0.48	3.29	1.36	4.25	1.48	6.41	2.51	1.13	-1.77	2.39	-0.51	.31	-1.69	.5[illegible]	-0.67	.71	0.08	1.04	0.53	E21.39	0.70
LITCHVILLE	.30		.46		.24		3.28		3.93		6.33		2.04		1.14		.79		.82		.58		.49		20.40	
LOSTWOOD 12 N	.32		.16		.49		1.61		4.45		8.06		1.69		1.11		.79		2.51		E .10		.49		E21.79	
MADDOCK AGR SCHOOL	.45	0.03	.32	-0.08	1.41	0.77	2.47	1.35	4.01	1.96	3.59	0.20	2.23	-0.46	.91	-1.40	1.35	-0.31	.77	-0.21	.35	-0.16	1.01	0.58	18.87	2.27
MANDAN EXP STATION	.45	0.08	.35	-0.04	2.02	1.18	1.81	0.53	3.78	1.52	6.56	3.28	1.10	-1.21	2.95	1.37	.36	-1.10	1.69	0.79	.39	-0.13	.30	-0.15	21.76	6.17
MANDAN FT LINCOLN PARK	.32		.26		1.92		2.72		3.93		6.16		.91		2.54		.43		1.28		.37		.14		20.98	
MARMARTH	.37	-0.05	.45	0.04	1.30	0.57	2.22	1.15	2.39	0.10	3.52	0.39	1.31	-0.60	2.53	0.91	.36	-0.90	1.06	0.27	.33	-0.04	.41	0.01	16.25	1.85
MARTIN	.12		.35		.81		3.25		2.74		E 3.87		1.82		.36		.75		E 1.00		.67		.55		E16.29	
MAX	.30	-0.05	.22	-0.23	2.09	1.35	1.57	0.32	6.61	4.41	5.07	1.68	1.90	-0.64	2.21	0.33	.86	-0.53	1.08	0.28	.95	0.45	1.06	0.66	23.92	8.03
MAYVILLE	.41	0.02	.30	-0.14	.29	-0.40	2.32	0.77	2.87	0.15	6.67	3.30	1.44	-1.27	1.88	-0.67	2.11	0.05	2.20	0.94	.70	-0.51	1.16	0.64	21.85	2.88
MC CLUSKY	.45	0.01	.39	-0.13	1.40	0.62	4.12	2.88	3.01	0.55	3.51	0.05	.94	-1.59	.75	-1.18	1.03	-0.34	.83	-0.16	.78	0.23	1.01	0.49	18.22	1.47
MC HENRY 5 N	.18	-0.24	.21	-0.24	.16	-0.53	1.2[illegible]	-0.17	3.99	1.68	4.11	0.64	3.3[illegible]	0.53	1.10	-1.22	.92	-0.51	.76	-0.29	.28	-0.26	.70	0.21	16.94	-0.40
MC LEOD 3 E	.34	-0.22	.14	-0.42	E .27	-0.51	2.0[illegible]	0.0[illegible]	6.03	3.02	4.87	1.04	1.8[illegible]	-0.96	2.69	-0.01	.73	-1.30	.41	-0.97	.72	0.09	.95	0.49	E21.12	0.34
MC VILLE	.26		.17		.08		1.7[illegible]		3.17		6.08		2.1[illegible]		1.24		1.46		1.55		.48		.73		19.07	
MEDINA 1 W	.24		.26		1.05		2.74		3.80		4.10		1.1[illegible]		1.22		.46		.26		.48		.24		16.00	

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1953

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MEDORA 4 NNE	.28		.17		1.28		2.47		E 4.14		2.75		1.16		2.21		.80		1.64		.20		.32		E17.42	
MEDORA 23 NNW	.25		.15		.45		2.30		5.38		4.00		E .51		2.11		.38		1.46		.31		.44		E17.74	
MINOT CAA AP	.86	0.49	.29	- 0.14	1.72	1.11	3.27	2.05	6.07	3.86	7.12	4.01	.63	- 1.47	.83	- 1.09	.50	- 1.10	.96	0.05	.47	- 0.19	.70	0.24	23.37	7.87
MINOT EXPERIMENT STA	.47		.15		.88		3.11		5.49		5.47		2.35		1.01		.28		.81		.35		.78		21.15	
MOFFIT 4 SE	.20		.11		1.07		2.50		4.53		5.28		1.30		1.33		.75		1.58		.40		.28		19.33	
MOHALL	.80	0.46	.36	0.01	1.19	0.48	1.93	0.97	3.60	1.62	6.20	3.27	1.43	- 1.02	.78	- 1.13	.51	- 1.05	1.52	0.48	.41	- 0.13	.77	0.35	19.50	4.31
MONTPELIER	.20		.46		.51		4.23		4.04		9.12		1.59		2.20		.34		.85		.39		.32		24.25	
MOTT	.35	- 0.14	.17	- 0.31	1.48	0.62	1.86	0.64	E 4.26	2.00	5.21	1.96	1.13	- 1.00	2.90	1.14	.40	- 0.97	.92	0.09	.17	- 0.29	.18	- 0.30	E19.03	3.44
MUNICH 4 SW	.59		.12		.62		2.55		2.52		3.13		2.04		1.92		1.37		.41		.12		.59		15.98	
NAPOLEON 1 SE	.44	0.03	.28	- 0.13	1.54	0.67	2.18	0.67	3.35	0.91	3.64	0.28	.79	- 1.72	1.55	- 0.65	.83	- 0.63	.80	- 0.29	.26	- 0.32	.36	- 0.09	16.02	- 1.27
NEW ENGLAND	.13	- 0.33	.18	- 0.31	.98	0.17	3.84	2.64	3.58	1.41	4.41	1.25	2.52	0.39	2.11	0.53	.06	- 1.31	1.13	0.34	.11	- 0.34	.23	- 0.17	19.28	4.27
NEW ROCKFORD 7 WNW	.19		.16		.62		2.98		4.74		4.68		1.83		2.27		1.14		.92		.27		.86		20.66	
NEW SALEM 1 S	.45	0.01	.26	- 0.18	1.68	0.98	2.61	1.46	4.03	1.63	4.87	1.42	.88	- 1.29	2.62	0.89	.83	- 0.48	1.06	0.21	.43	- 0.05	.47	- 0.04	20.19	4.56
NEWTOWN	.52	0.04	.21	- 0.24	.85	0.27	2.59	1.47	3.62	1.67	5.63	2.26	1.18	- 0.84	3.65	2.05	.65	- 0.69	.86	0.09	.71	- 0.32	.78	0.33	20.75	6.09
NOONAN	.21		.46		.76		1.78		3.94		9.10		.67		5.01		E .83		2.18		T		.50		E25.44	
NORTONVILLE	.28		.38		.78		3.94		2.66		7.44		2.35		1.15		.43		.41		.45		.21		20.48	
OAKES	.42	- 0.05	.89	0.43	.48	- 0.32	4.04	2.17	5.47	2.71	7.28	3.64	1.04	- 1.81	2.16	- 0.51	.48	- 1.28	.70	- 0.61	.97	0.41	.78	0.28	24.66	5.06
PARK RIVER	.15	- 0.34	.05	- 0.37	.49	- 0.17	3.73	2.41	4.95	3.01	4.02	0.76	3.64	1.03	2.27	- 0.03	1.73	- 0.47	.96	- 0.72	.16	- 0.47	.57	0.06	22.72	5.25
PARSHALL	.51	0.17	.29	- 0.10	.94	0.36	2.30	1.23	5.27	3.10	4.92	1.43	2.11	- 0.11	.99	- 0.85	.54	- 0.95	1.30	0.55	.19	- 0.20	.70	0.29	20.06	4.92
PEMBINA 2 N	.46	- 0.17	E .20	- 0.42	.56	- 0.24	1.50	0.24	5.28	3.09	E 3.83	0.64	1.87	- 0.54	5.03	2.74	1.94	- 0.24	.70	- 0.50	.03	- 0.72	.12	- 0.50	E21.52	3.38
PETERSBURG	.33	- 0.11	.31	- 0.19	.35	- 0.38	2.61	1.22	3.12	0.68	5.28	1.78	1.49	- 1.47	1.45	- 0.91	1.66	- 0.31	1.65	0.48	.16	- 0.48	.61	0.13	19.02	0.44
PETTIBONE	.18	- 0.20	.16	- 0.23	1.03	0.40	2.20	1.04	3.59	1.33	4.88	1.77	.97	- 1.77	1.92	- 0.23	.55	- 0.79	.63	- 0.36	.46	- 0.07	.33	- 0.11	16.90	0.78
PINGREE	.10		.50		.65		2.93		4.50		4.39		1.93		.85		.27		.92		.33		.65		18.02	
PORTAL	.42	0.02	.55	0.17	.97	0.36	.99	0.05	4.54	2.47	8.38	5.29	2.57	0.50	2.87	0.91	.55	- 0.91	1.82	0.98	.11	- 0.41	.51	0.06	24.28	9.49
POWERS LAKE 1 N	.42	- 0.10	.10	- 0.35	.69	- 0.01	1.56	0.42	3.94	1.79	9.72	6.43	.78	- 1.49	1.88	0.20	.48	- 0.81	1.95	0.90	.05	- 0.44	.40	- 0.14	21.97	6.40
PRETTY ROCK	E .29		.18		E 1.68		1.57		4.99		3.61		2.15		1.63		.79		.83		.21		.11		E18.04	
REEDER	.20		.30		1.15		2.65		5.75		9.85		2.95		2.35		.10		.98		.08		.18		26.54	
REEDER 14 N	.19		.11		.53		2.18		2.55		6.88		2.03		1.99		.24		.80		.13		.24		17.87	
RICHARDTON ABBEY	.40	0.02	.21	- 0.20	1.77	1.05	3.83	2.61	2.86	0.40	4.79	1.32	2.56	0.10	2.16	0.32	.71	- 0.61	1.10	0.31	.10	- 0.42	.41	- 0.01	20.90	4.89
RIVERDALE	.34		.34		1.09		1.80		4.80		3.58		1.05		1.04		.73		1.50		.33		.70		17.30	
ROLLA	.73	0.20	.27	- 0.20	1.06	0.16	2.59	1.38	3.97	1.85	3.98	0.58	2.39	- 0.29	1.18	- 1.31	.92	- 0.83	.37	- 0.60	.06	- 0.49	.58	0.09	18.10	0.54
RUGBY	.77	0.34	.43	- 0.02	1.29	0.60	2.74	1.75	3.37	1.40	5.28	2.18	1.05	- 1.63	.60	- 1.40	.90	- 0.78	.51	- 0.38	.35	- 0.17	1.10	0.63	18.39	2.52
RYDER	.32	- 0.01	.28	- 0.20	1.28	0.74	1.95	0.84	3.65	1.56	4.51	1.40	.64	- 1.59	.86	- 1.21	.17	- 1.35	.79	- 0.01	.28	- 0.25	.74	0.28	15.47	0.20
SAN HAVEN	.49	0.06	.32	- 0.10	1.19	0.57	1.48	0.64	4.04	2.17	3.52	0.51	1.46	- 1.21	.86	- 1.50	1.00	- 0.67	.48	- 0.38	.16	- 0.34	.75	0.37	15.75	0.07
SCRANTON	.66		.21		.93		2.51		2.55		6.31		2.12		3.07		.17		.71		.18		.21		19.63	
SELFRIDGE 11 W	.59	0.16	.58	0.11	2.56	1.70	3.51	2.07	3.23	1.11	4.34	0.64	2.80	0.86	2.26	0.43	.38	- 1.10	1.83	0.88	.38	- 0.08	.59	0.19	23.05	6.97
SENTINEL BUTTE 20 S	.29		.15		.54		2.36		2.73		2.95		1.78		E 1.53		.39		1.02		.20		.33		E14.27	
SHARON	.18	- 0.29	.32	- 0.16	.23	- 0.39	2.20	0.72	3.02	0.28	5.11	1.50	.84	- 1.85	1.54	- 0.83	2.27	0.22	.85	- 0.44	.42	- 0.30	1.05	0.57	18.03	- 0.97
SHERWOOD 3 N	.45		.36		1.13		1.62		3.03		6.98		.97		.75		.51		1.56		.49		.26		18.11	
SHIELDS	.32		.27		1.58		2.87		3.53		2.89		1.60		1.72		.48		1.47		.08		.13		16.94	
STANLEY	.60	0.21	.28	- 0.13	.89	0.25	2.31	1.14	4.88	2.69	10.02	6.62	.83	- 1.30	2.53	0.63	.38	- 0.99	1.7[illegible]	0.86	.14	- 0.40	.71	0.26	25.27	9.84
STEELE	.41	0.01	.29	- 0.09	1.30	0.58	3.15	1.97	4.98	2.46	5.60	2.04	.62	- 2.20	1.68	- 0.50	.42	- 1.11	1.2[illegible]	0.08	.33	- 0.14	.17	- 0.32	20.15	2.78
SYKESTON	.22		.29		1.15		3.74		3.98		4.05		.82		1.04		1.08		1.0[illegible]		.77		.88		19.07	
TAGUS	.40	0.04	.21	- 0.21	.93	0.31	2.49	1.34	2.97	0.93	7.75	4.70	.44	- 1.61	1.13	- 0.65	.45	- 0.95	1.7[illegible]	0.99	.15	- 0.38	.37	- 0.05	19.01	4.46
TIOGA	.36	- 0.07	.40	0.03	.76	0.13	1.77	0.79	E 3.45	1.39	7.40	4.34	1.10	- 0.93	3.46	1.71	.70	- 0.58	1.0[illegible]	0.24	.19	- 0.27	.61	0.17	E21.25	6.95
TOLLEY 5 NNE	.54		.34		1.11		3.13		4.92		6.78		2.75		.60		.89		2.12		.24		.78		24.20	
TOWNER	.80	0.35	.16	- 0.32	1.28	0.50	3.49	2.49	3.21	1.00	5.48	2.37	.47	- 1.94	.54	- 1.44	.87	- 0.85	.66	- 0.23	.25	- 0.28	.61	0.12	17.82	1.77
TROTTERS 6 WNW	.36	- 0.07	.30	- 0.08	.61	- 0.16	2.58	1.53	5.43	3.20	3.34	0.01	.54	- 1.22	3.90	2.36	.28	- 0.95	1.02	0.22	.18	- 0.27	.68	0.28	19.22	4.85
TURTLE LAKE	E .44	0.09	E .39	- 0.06	E 1.54	0.73	E 2.44	1.39	3.03	0.86	3.99	0.52	.59	- 1.96	2.39	0.41	1.23	- 0.04	1.03	0.19	.54	0.12	.64	0.18	E18.25	2.43
TUTTLE	.20	- 0.23	.21	- 0.20	.95	0.22	2.37	1.29	5.69	3.35	5.79	2.52	1.38	- 1.25	1.96	0.13	.95	- 0.47	.67	- 0.31	.47	- 0.03	.33	- 0.07	20.97	4.95
UNDERWOOD	.60	0.27	.39	- 0.05	1.87	1.13	2.50	1.43	4.09	1.97	4.17	0.75	.83	- 1.57	1.35	- 0.56	.82	- 0.58	1.76	0.93	.23	- 0.22	.62	0.19	19.23	3.69
UPHAM 3 N	.63		.35		1.30		4.49		5.64		3.65		1.21		.87		.66		.42		.48		.57		20.27	
UPHAM 3 W							4.00		5.33		4.06		1.60		—		—								—	
VALLEY CITY	.21	- 0.33	.57	- 0.02	.20	- 0.59	2.17	0.44	4.07	1.29	8.65	5.10	.86	- 1.86	1.09	- 1.45	.91	- 0.88	.34	- 0.98	1.02	0.34	.72	0.14	20.81	1.20
VELVA	.53	0.11	.29	- 0.21	1.29	0.70	2.69	1.60	4.65	2.47	4.85	1.92	2.71	0.39	1.01	- 1.21	.76	- 0.80	.92	- 0.03	.9[illegible]	0.28	1.15	0.68	21.77	5.90
VERONA	.20		.30		.41		3.79		3.75		4.44		.57		1.20		.37		.65		.83		.58		17.08	
WAHPETON STATE SCHOOL	.83	0.38	.89	0.42	.86	0.14	3.55	1.47	6.12	3.42	4.80	1.22	1.3[illegible]	- 1.65	3.58	0.71	.54	- 1.68	.49	- 0.95	1.51	0.82	1.33	0.83	25.80	5.13
WALHALLA	E .57		.05		E .51		3.45		5.09		3.59		3.5[illegible]		2.60		2.10		.97		.10		.18		E27.80	
WARWICK	.18		E .14		.26		1.88		3.95		3.67		3.17		E 1.14		E 1.04		E .69		E .33		.82		E17.29	
WASHBURN	.39	0.07	.33	- 0.06	1.87	1.18	3.13	2.06	2.90	0.73	3.00	- 0.39	.91	- 1.71	.75	- 0.88	1.90	0.63	1.64	0.72	.37	- 0.07	.57	0.14	17.76	2.42
WATAUGA, S DAK 8 N	.18		.24		1.94		2.52		5.37		3.84		2.37		E 1.73		.38		1.48		.62		.20		E20.85	
WATFORD CITY	.60	0.13	.39	- 0.04	1.37	0.68	3.78	2.11	5.63	3.64	6.83	3.68	1.5[illegible]	- 0.42	2.72	1.12	.73	- 0.58	1.26	0.39	.19	- 0.30	.97	0.44	25.55	10.85
WATFORD CITY 14 S	.23		.29		.93		2.50		4.19		4.58		1.34		3.21		.35		1.37		T		.91		19.90	
WESTHOPE	.44	0.11	.14	- 0.18	1.08	0.49	1.48	0.61	2.76	0.88	3.30	0.29	.92	- 1.40	1.42	- 0.59	.66	- 0.79	.95	0.15	.40	- 0.15	.61	0.19	14.16	- 0.39
WILDROSE	.83	0.34	.33	- 0.13	1.06	0.44	1.63	0.67	3.9[illegible]	2.03	6.90	3.80	3.52	1.54	2.93	1.12	1.33	0.14	2.30	1.50	.16	- 0.34	.36	- 0.16	25.28	10.95
WILLISTON WB CITY R //	1.00	0.51	.28	- 0.18	.99	0.24	2.01	0.94	4.5[illegible]	2.90	5.62	2.03	.96	- 1.17	.37	- 1.04	.46	- 0.75	1.67	0.90	.20	- 0.38	.62	0.08	18.74	4.08
WILLOW CITY	.81	0.26	.30	- 0.24	1.08	0.34	2.32	1.36	3.28	1.37	3.13	0.08	1.38	- 0.91	.31	- 1.73	.83	- 0.82	.25	- 0.54	.23	- 0.33	.77	0.17	14.69	- 0.99
WILTON RR STATION	.35	0.01	.27	- 0.12	1.57	0.80	3.59	2.47	4.10	1.71	5.50	2.22	.62	- 1.69	.56	- 1.15	.91	- 0.34	1.69	0.74	.31	- 0.17	.35	- 0.10	19.82	4.38
WISHEK	E .27	- 0.12	.28	- 0.14	1.13	0.32	3.05	1.65	3.59	1.18	6.78	3.32	1.63	- 0.97	1.20	- 0.99	.54	- 0.91	E .56	- 0.37	.08	- 0.37	.29	- 0.14	E19.40	2.46
WOODWORTH 5 E	.11		.18		1.05		4.17		4.48		4.21		.82		.64		E .50		.45		.79		.49		E17.89	
ZAHL	.44		.22		.38		1.83		4.06		9.75		2.71		2.89		1.63		2.00		.30		.34		26.05	
SECTION AVERAGE	.43	- 0.05	.33	- 0.14	.95	0.17	2.58	1.16	4.06	1.80	5.45	1.94	1.51	- 0.96	1.78	- 0.29	.88	- 0.65	1.10	0.06	.36	- 0.25	.61	0.13	20.04	2.92

See reference notes following Station Index.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
Almont 7 SW	96	8-31	-20	1-15	5-12 (23°)	5-14 (27°)	5-14 (27°)	9-21 (29°)	10- 6 (24°)	10- 6 (24°)	147	145	130
Amenia	98	8-26+	-23	12-17	4-18 (13°)	5-13 (27°)	5-16 (29°)	9-21 (32°)	9-22 (26°)	10- 6 (24°)	171	132	128
Amidon	100	8-25	-20	1-15	5-12 (23°)	5-14 (27°)	5-15 (31°)	9-21 (28°)	9-21 (28°)	10-26 (24°)	167	130	129
Arvilla State park	99	8-31	-27	1-16+	5-13 (21°)	6- 6 (28°)	6- 7 (31°)	-	-	10- 6 (-)	146	-	-
Ashley	99	8-13	-19	2-16	5-13 (22°)	5-14 (28°)	5-15 (32°)	9-21 (27°)	9-21 (27°)	10- 6 (18°)	146	130	129
Beach	96	8-25	-21	1-16	5-13 (24°)	5-14 (28°)	5-16 (31°)	9-21 (25°)	9-21 (25°)	10-26 (24°)	166	130	128
Belcourt Indian Res	91	8-31	-28	1-15	5-13 (20°)	6- 6 (28°)	6- 6 (28°)	9- 6 (32°)	9-21 (22°)	9-21 (22°)	131	107	92
Belfield	94	7-19+	-25	3- 6	5-12 (20°)	5-14 (27°)	5-22 (32°)	9-21 (26°)	9-21 (26°)	10-26 (21°)	167	130	122
Bisbee	93	8-24	-26	1-15	4-26 (21°)	5-16 (27°)	5-16 (27°)	9-21 (30°)	9-22 (28°)	10- 6 (19°)	163	129	128
Bismarck	98	9- 1	-18	1-15	4-19 (22°)	5-14 (28°)	5-14 (28°)	9-21 (30°)	10- 6 (22°)	10- 6 (22°)	170	145	130
Bismarck WB AP	101	8-31	-21	1- 6	4-20 (20°)	5-14 (28°)	5-14 (28°)	9-21 (28°)	9-21 (28°)	10- 6 (20°)	169	130	130
Bottineau	94	9- 1	-26	1-15+	5-13 (24°)	5-13 (24°)	5-15 (30°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	131	131	129
Bowbells	91	7-19	-27	1-15+	5-12 (21°)	5-13 (26°)	5-18 (32°)	9-21 (23°)	9-21 (23°)	9-21 (23°)	132	131	126
Bowman Court House	95	8-24	-21	1-15	5-12 (22°)	5-14 (25°)	5-18 (32°)	9-21 (27°)	9-21 (27°)	10-26 (21°)	167	130	126
Butte	96	9- 1	-	-	4-19 (21°)	5-14 (28°)	5-15 (32°)	9-21 (30°)	10- 6 (22°)	10- 6 (22°)	170	145	129
Carrington	99	9- 1	-22	1-16	5-13 (23°)	5-14 (25°)	5-18 (32°)	9-21 (28°)	9-21 (28°)	10-24 (23°)	164	130	126
Carson No. 2	100	9- 1	-20	1-15	5-12 (23°)	5-13 (25°)	5-21 (32°)	9-21 (29°)	10- 6 (25°)	10-26 (21°)	167	146	123
Cavalier	99	8-31	-24	1-16	5-13 (23°)	5-13 (23°)	5-16 (29°)	9-22 (28°)	9-22 (28°)	10- 6 (23°)	146	132	129
Center	98	8-31	-21	1-15	5-14 (24°)	5-14 (24°)	5-14 (24°)	9-21 (25°)	9-21 (25°)	10- 6 (18°)	145	130	130
Cooperstown	99	8-31	-24	12-16	5-13 (24°)	5-14 (28°)	6- 6 (31°)	9-21 (32°)	10- 6 (27°)	10-26 (23°)	166	145	107
Crosby	92	8-12	-30	1-15	5-12 (22°)	5-15 (27°)	5-15 (27°)	9-21 (26°)	9-21 (26°)	10-26 (23°)	167	129	129
Devils Lake WB City	101	8-31	-22	1-15	4-19 (23°)	5-13 (27°)	5-15 (31°)	9-21 (30°)	10- 5 (26°)	10- 6 (21°)	170	145	129
Dickinson CAA AP	94	10- 1	-21	1-15	5-12 (22°)	5-14 (28°)	5-15 (32°)	9-20 (32°)	9-21 (28°)	10-26 (23°)	167	130	128
Dickinson Exp Sta	95	8-25	-	-	5-12 (23°)	5-13 (25°)	5-14 (29°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	132	131	130
Drake	97	9- 1	-22	1-15+	5-12 (23°)	5-14 (28°)	5-15 (31°)	9-21 (28°)	9-21 (28°)	10- 6 (21°)	147	130	129
Dunn Center	96	10- 2	-25	3- 7	5-13 (24°)	5-14 (25°)	6- 6 (32°)	9-12 (31°)	9-21 (24°)	9-21 (24°)	131	130	98
Eckman	91	6-13+	-27	1-16	4-26 (21°)	5-15 (28°)	5-21 (30°)	9-21 (23°)	9-21 (23°)	9-21 (23°)	148	129	123
Edgeley Exp Farm	102	8-14	-16	1- 7	4-20 (23°)	5-13 (25°)	5-15 (32°)	9-21 (31°)	10-24 (24°)	10-24 (24°)	187	164	129
Edmore 1 W	99	8-31	-24	1-15+	5-13 (24°)	6- 6 (28°)	6- 6 (28°)	9-21 (27°)	9-21 (27°)	10- 6 (17°)	146	107	107
Elbowoods	-	-	-23	1- 6	4-19 (20°)	5-14 (28°)	5-18 (32°)	-	-	-	-	-	-
Ellendale	98	8-26	-15	1-16+	4-20 (22°)	5-13 (26°)	5-13 (26°)	9-21 (31°)	10-24 (25°)	10-26 (22°)	189	164	131
Enderlin	100	8-27	-24	12-16	4-20 (20°)	5-16 (28°)	6- 6 (31°)	9-21 (30°)	9-22 (28°)	10- 6 (24°)	169	129	107
Epping	95	10- 1	-29	1-15	5-12 (22°)	5-15 (28°)	5-18 (32°)	9-21 (26°)	9-21 (26°)	10-26 (20°)	167	129	129
Fargo WB AP	98	8-26	-27	12-16	4-20 (19°)	5-13 (25°)	5-16 (32°)	9-21 (32°)	10- 6 (24°)	10- 6 (24°)	169	146	128
Fessenden	101	8-31	-22	1- 6	5-13 (24°)	5-14 (27°)	5-16 (30°)	9-21 (27°)	9-21 (27°)	10- 6 (18°)	146	130	128
Forman	99	8-26	-19	2-16	4-20 (20°)	5-13 (25°)	5-16 (32°)	9-21 (31°)	10- 6 (26°)	10-24 (21°)	187	146	128
Fort Yates	102	8-31	-	-	5-13 (24°)	5-14 (25°)	5-14 (25°)	9-21 (28°)	9-21 (28°)	10- 6 (19°)	146	130	130
Foxholm 7 N	93	7-18+	-23	1-15	4-20 (23°)	5-13 (27°)	5-14 (31°)	-	9-21 (26°)	10- 6 (18°)	169	131	-
Fullerton	100	8-26	-18	2-17	4-19 (24°)	5-13 (25°)	5-14 (32°)	9-21 (31°)	10- 6 (27°)	10-24 (24°)	188	146	130
Gackle	99	8-26+	-21	2-16	5-13 (24°)	5-14 (28°)	5-14 (28°)	9-21 (29°)	10-24 (26°)	10-26 (21°)	166	163	130
Garrison	98	9- 1	-23	1-15	5-12 (20°)	5-14 (28°)	5-15 (31°)	9-21 (26°)	9-21 (26°)	10- 6 (23°)	147	130	129
Grafton State Sch	100	8-31	-25	1-16	5-13 (21°)	5-16 (27°)	6- 6 (31°)	9-22 (31°)	10- 6 (20°)	10- 6 (20°)	146	143	108
Grand Forks CAA AP	97	8-25+	-22	12-16	4-20 (22°)	5-13 (26°)	6- 6 (30°)	9-22 (31°)	10- 6 (23°)	10- 6 (23°)	169	146	108
Grand Forks Univ	97	8-26	-22	12-16	4-20 (24°)	5-13 (27°)	6- 6 (32°)	10- 6 (25°)	10- 6 (25°)	11- 4 (16°)	198	146	132
Grand Rapids 1 N	98	8-26+	-27	1-16	5-13 (22°)	5-14 (27°)	6- 6 (31°)	9-21 (28°)	9-21 (28°)	10-24 (23°)	164	130	107
Granville	95	8-31	-22	1-15	4-19 (20°)	5-14 (28°)	5-15 (32°)	-	9-21 (27°)	10- 6 (20°)	170	130	-
Grenora	92	10- 1	-27	1-15	5-14 (21°)	5-14 (21°)	5-15 (32°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	130	130	129
Hankinson R R Sta	96	8-27	-21	12-16+	5-13 (23°)	5-13 (23°)	5-14 (32°)	10- 6 (26°)	10- 6 (26°)	11- 4 (18°)	175	146	145
Hannah	94	8-31	-29	1-15	5-13 (22°)	5-16 (28°)	6- 6 (32°)	9-16 (31°)	9-21 (26°)	10- 6 (15°)	146	128	102
Hansboro	94	8-31	-28	1-15	4-26 (22°)	5-16 (28°)	5-16 (28°)	9-21 (27°)	9-21 (27°)	10- 6 (17°)	163	128	128
Hettinger	95	8-31	-21	1-15	5-12 (24°)	5-14 (28°)	5-15 (30°)	9-21 (26°)	9-21 (26°)	10-26 (21°)	167	130	129
Hillsboro	96	8-31	-20	12-30	5-13 (23°)	5-14 (27°)	6- 6 (31°)	9-22 (30°)	10- 6 (24°)	10- 6 (24°)	146	145	108
Jamestown CAA AP	100	8-31	-16	1-15	4-20 (19°)	5-13 (25°)	5-16 (29°)	9-21 (30°)	10-24 (23°)	10-24 (23°)	187	164	128
Jamestown State Hosp	101	8-31	-16	1-15	4-20 (22°)	5-13 (25°)	5-16 (29°)	9-21 (30°)	10-24 (22°)	10-24 (22°)	187	164	128
Kenmare	93	7-19	-26	1-16	5-12 (23°)	5-13 (26°)	5-15 (29°)	9-21 (25°)	9-21 (25°)	10-26 (24°)	167	131	129
Kensal Wildlife Ref	102	8-31	-19	1- 5+	5-14 (24°)	5-16 (27°)	6- 6 (30°)	9-21 (28°)	9-21 (28°)	10-26 (20°)	165	128	107
Langdon Exp Farm	98	8-25	-27	1-15	5-13 (21°)	5-15 (28°)	6- 6 (31°)	9-21 (27°)	9-21 (27°)	10- 6 (20°)	146	129	107
Larimore	100	8-31	-20	12-16+	5-13 (22°)	5-16 (28°)	6- 6 (31°)	9-22 (30°)	10- 6 (22°)	10- 6 (22°)	146	143	108
Leeds	100	8-31	-24	1-15	4-19 (23°)	5-13 (26°)	5-16 (32°)	9-16 (32°)	9-21 (26°)	10- 6 (14°)	170	131	123
Linton	101	8-31	-17	1-15	5-13 (24°)	5-13 (24°)	5-15 (32°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	131	131	129
Lisbon	96	8-26+	-	-	5-13 (23°)	5-16 (27°)	6- 6 (30°)	9-21 (31°)	9-22 (28°)	10- 6 (24°)	146	129	107
Lostwood 12 N	-	-	-30	1-15	5-13 (22°)	5-15 (28°)	5-18 (32°)	-	9-21 (21°)	9-21 (21°)	131	129	-
Maddock Agr Sch	103	8-31	-23	1-15	5-12 (23°)	5-14 (28°)	5-18 (31°)	9-21 (29°)	10- 6 (18°)	10- 6 (18°)	147	145	126
Mandan Exp Sta	98	9- 1	-18	1-15+	5-14 (24°)	5-14 (24°)	5-14 (24°)	9-21 (29°)	10- 6 (21°)	10- 6 (21°)	145	145	130
Mandan Ft Lincoln Pk	102	8-31	-19	1-15	-	5-14 (26°)	5-14 (26°)	9-21 (27°)	9-21 (27°)	10- 6 (19°)	-	130	130
Marmarth	96	7-15+	-20	1-15+	4-19 (17°)	-	5-18 (30°)	9-21 (26°)	9-21 (26°)	-	-	-	126
Max	93	6-13+	-23	1-16	4-26 (22°)	5-15 (28°)	5-15 (28°)	9-21 (27°)	9-21 (27°)	10- 6 (22°)	163	129	129
Mayville	98	8-26	-22	12-16	4-20 (24°)	5-16 (27°)	6- 6 (31°)	9-22 (31°)	10- 6 (21°)	10- 6 (21°)	169	143	107
Mc Clusky	102	8-31	-22	1-15	5-13 (24°)	5-14 (28°)	5-14 (28°)	9-21 (26°)	9-21 (26°)	10- 6 (21°)	146	130	130
Mc Henry 5 N	101	8-31	-22	1-15+	5-13 (21°)	5-14 (27°)	6- 6 (31°)	9-21 (30°)	10- 6 (26°)	10-26 (21°)	166	145	107
Mc Leod 3 E	98	8-26	-26	12-16	-	-	-	9-21 (30°)	10- 6 (23°)	10- 6 (23°)	-	-	-
Medora 4 NNE	97	7-18+	-27	1- 6+	-	5-15 (28°)	5-16 (31°)	9-15 (32°)	9-21 (21°)	9-21 (21°)	-	129	122
Minot CAA AP	93	8-31	-23	1-15	4-19 (22°)	5-12 (26°)	5-15 (32°)	9-21 (28°)	9-21 (28°)	10- 6 (23°)	170	132	129
Minot Exp Sta	94	8-31	-23	1-15	4-26 (24°)	5-13 (25°)	5-15 (31°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	148	131	129
Moffitt 4 SE	98	8-31	-	-	5-14 (23°)	5-18 (28°)	6- 6 (30°)	9-18 (31°)	9-21 (21°)	9-21 (21°)	130	126	104
Mohall	92	7-18	-27	1-15	4-19 (20°)	5-13 (27°)	5-21 (32°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	155	131	123
Mott	95	10- 1	-22	3- 6	5-12 (24°)	5-14 (25°)	5-15 (29°)	9-21 (23°)	9-21 (23°)	9-21 (23°)	132	130	129
Munich 4 SW	96	8-31	-31	1-15	5-13 (23°)	5-16 (26°)	6- 6 (31°)	9- 6 (32°)	9-21 (26°)	10- 6 (15°)	146	128	92
Napoleon 1 SE	100	8-31	-27	2-16	5-13 (24°)	5-14 (26°)	5-14 (26°)	9-21 (28°)	9-21 (28°)	10- 6 (14°)	146	130	130
New England	94	7-19+	-21	1-15	5-12 (22°)	5-13 (27°)	5-15 (31°)	9-21 (23°)	9-21 (23°)	9-21 (23°)	132	131	129
New Salem 1 S	96	8-31	-21	1-15	5-12 (23°)	5-14 (27°)	5-14 (27°)	9-21 (29°)	10- 6 (20°)	10- 6 (20°)	147	145	130
Newtown	95	10- 1	-23	1-15	4-19 (18°)	-	5-15 (30°)	9-21 (27°)	9-21 (27°)	10-26 (22°)	190	-	129
Oakes	96	8-27	-22	2-17	4-20 (16°)	5-13 (26°)	5-16 (32°)	9-21 (31°)	10- 6 (25°)	10-26 (23°)	189	146	128
Park River	99	8-31	-21	12-16	4-20 (23°)	5-13 (26°)	5-15 (32°)	9-22 (31°)	10- 6 (24°)	10- 6 (24°)	169	146	130
Parshall	96	10- 1	-25	1-15	5-13 (22°)	5-14 (26°)	5-18 (31°)	9-21 (20°)	9-21 (20°)	9-21 (20°)	131	130	126
Pembina 2 N	100	8-31	-29	1-16	5-13 (22°)	5-13 (22°)	6- 6 (30°)	9-21 (32°)	10- 6 (16°)	10- 6 (16°)	146	146	107
Petersburg	99	8-31	-24	12-16	5-13 (23°)	5-13 (23°)	5-19 (31°)	9-21 (30°)	10- 6 (23°)	10- 6 (23°)	146	146	125
Pettibone	98	8-26+	-20	1-15	5-13 (24°)	5-13 (24°)	5-16 (32°)	9-21 (29°)	10- 6 (24°)	10- 6 (24°)	146	146	128
Portal	91	6-12+	-31	1-15	5-12 (20°)	5-15 (26°)	5-15 (26°)	9-21 (25°)	9-21 (25°)	10-26 (21°)	167	129	129
Powers Lake 1 N	92	7-18+	-	-	5-12 (22°)	5-13 (25°)	5-17 (31°)	9-20 (32°)	9-21 (19°)	9-21 (19°)	132	131	126
Richardton Abbey	95	7-19+	-21	1-15	5-12 (22°)	5-14 (27°)	5-14 (27°)	9-21 (28°)	9-21 (28°)	10-26 (24°)	167	130	130
Riverdale	96	9- 1	-21	1-15+	4-19 (20°)	5-14 (26°)	5-14 (26°)	9-21 (29°)	10- 6 (22°)	10- 6 (22°)	170	145	130
Rolla	93	8-31	-27	1-15	4-26 (21°)	5-15 (28°)	5-16 (30°)	9-21 (30°)	10- 6 (17°)	10- 6 (17°)	163	144	128
Rugby	98	8-31	-26	1-15	4-19 (24°)	5-13 (26°)	5-15 (31°)	9-21 (28°)	9-21 (28°)	10- 6 (20°)	170	131	129
San Haven	93	8-31	-27	1-15	4-26 (24°)	5-14 (27°)	5-15 (29°)	9-21 (29°)	10- 6 (23°)	10- 6 (23°)	163	145	129

See reference notes following Station Index.

Table 3—Continued.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
Sharon	96	8-31	-20	12-30	5-13 (23°)	5-13 (23°)	5-16 (32°)	9-21 (32°)	10- 6 (25°)	10-26 (22°)	166	146	128
Stanley	92	10- 1	-27	1-15	5-13 (23°)	5-14 (27°)	5-20 (30°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	131	130	124
Steele	99	8-31	-20	1- 6+	5-13 (23°)	5-14 (26°)	5-18 (32°)	9-21 (28°)	9-21 (28°)	10- 6 (19°)	146	130	126
Towner	96	8-26+	-26	1-15	4-27 (24°)	5-14 (28°)	5-19 (32°)	9-21 (23°)	9-21 (23°)	9-21 (23°)	147	130	125
Turtle Lake	97	8-31	-	-	5-13 (24°)	5-14 (27°)	5-15 (32°)	9-21 (28°)	9-21 (28°)	10- 6 (21°)	146	130	129
Underwood	97	9- 1	-22	1-16	5-12 (24°)	5-14 (26°)	5-15 (32°)	9-21 (26°)	9-21 (26°)	10- 6 (22°)	147	130	129
Upham 3 N	99	8-31	-27	1-15	-	5-13 (27°)	5-18 (32°)	9- 6 (31°)	9-21 (19°)	9-21 (19°)	-	131	111
Upham 3 W	-	-	-	-	4-26 (19°)	5-14 (28°)	5-18 (32°)	-	-	-	-	-	-
Valley City	98	8-31	-22	12-16	5-13 (24°)	5-16 (28°)	6- 6 (32°)	9-21 (32°)	9-22 (28°)	10-24 (24°)	164	129	107
Velva	92	8-31	-21	1-15	4-26 (24°)	5-13 (27°)	5-14 (29°)	9-21 (29°)	10- 6 (20°)	10- 6 (20°)	163	146	130
Wahpeton State Sch	98	8-26	-28	12-16	4-20 (22°)	5-13 (25°)	5-13 (25°)	9-21 (31°)	10- 6 (25°)	10-24 (24°)	187	146	131
Washburn	98	8-31	-24	1-15	4-19 (22°)	5-14 (27°)	5-14 (27°)	-	-	-	-	-	-
Watford City	96	10- 1	-22	1-15	5-12 (24°)	5-13 (25°)	5-15 (32°)	9-21 (29°)	10-23 (28°)	11- 3 (24°)	175	163	129
Watford City 14 S	97	10- 1	-24	1- 6	5-12 (24°)	5-13 (26°)	5-14 (31°)	9-21 (24°)	9-21 (24°)	9-21 (24°)	132	131	130
Westhope	93	6-12+	-29	1-15	4-20 (24°)	5-14 (27°)	5-21 (32°)	9-21 (22°)	9-21 (22°)	9-21 (22°)	154	130	123
Williston WB City	95	7-15	-22	1-15	4-19 (17°)	5-13 (27°)	5-15 (32°)	9-21 (30°)	10-26 (27°)	11- 3 (23°)	198	166	129
Willow City	97	8-31	-28	1-15	4-26 (23°)	5-14 (25°)	5-16 (30°)	9-16 (32°)	9-21 (26°)	10- 6 (13°)	163	130	123
Wilton R R Sta	98	6-13+	-22	1-16	5-12 (23°)	5-14 (25°)	6- 6 (31°)	9-21 (30°)	10- 6 (22°)	10- 6 (22°)	147	145	107
Wishek	98	8-31	-27	1- 6	5-13 (22°)	5-14 (26°)	5-15 (32°)	9-21 (25°)	9-21 (25°)	10- 6 (-)	146	130	129

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Devils Lake WB City		EVAP	-	-	-	3.12B	5.30B	4.98	7.67	7.04	4.68B	-	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	2102	1543	849	1255	1039	1545	-	-	-	-
Dickinson Exp. Sta.	(A)	EVAP	-	-	-	-	4.50B	4.59B	6.76B	6.24	5.93B	-	-	-	-
		DEP	-	-	-	-	-1.11	-1.50	-1.21	-1.01	. .95	-	-	-	-
		WIND	-	-	-	-	3590	3135	2870	2590	3395	-	-	-	-
Edgeley Exp. Farm		EVAP	-	-	-	3.78B	6.19B	4.94B	7.05	7.35	6.95	5.85B	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	3575	3077	1172	1244	1376	2035	2189	-	-	-
Mandan Exp. Sta.	(A)	EVAP	-	-	-	2.79B	3.62B	4.46B	6.67	5.68	4.34	-	-	-	-
		DEP	-	-	-	- .83	-1.72	-1.47	- .66	- .89	- .17	-	-	-	-
		WIND	-	-	-	5149	4418	3086	2701	2668	2987	-	-	-	-
Riverdale		EVAP	-	-	-	3.99B	6.57B	6.31B	8.89	8.29	6.64	4.89B	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	4323	4284	2621	-	-	-	2889	-	-	-
Upham 3 W		EVAP				3.68	7.75B	5.88	6.53B	-	-	-			-
		DEP				-	-	-	-	-	-	-			-
		WIND				2692B	3511	2381	1256B	-	-	-			-

(A) Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

CHANGES IN STATION NAMES

NEW NAME	OLD NAME	DATE
Fryburg 1 NE	Fryburg	September

RELOCATIONS

Balta	Rain gage moved 2 blocks E	May 16
Elgin 5 S	Rain gage moved 250 feet W	July 23
Fort Yates	Equipment moved 400 feet SE	July 22
Fryburg 1 NE	Rain gage moved 1/4 mile E	September 3
Linton	Equipment moved 0.6 mile WNW	September 10
Maddock	Rain gage moved 50 feet E	August 25
Medora	Rain gage moved 1 block S	September 3
Parshall	Equipment moved 4 blocks S & 2 blocks W	July 1
Pettibone	Equipment moved 0.4 mile SW	October 7
Shields	Rain gage moved 150 feet S	July 22
Turtle Lake	Equipment moved 1 block E & 2 blocks S	April 21
Upham 3 N	Equipment moved 50 feet E	September 29
Washburn	Equipment moved 3 blocks N	September 28

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
							Temp.	Precip.	Evap.	Month opened	Month closed	
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		-				2
ALEXANDER	0096	MCKENZIE	13	47 50	103 38	2200		12				2
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	11	11				1 2 3
AMBROSE	0189	DIVIDE	12	48 58	103 28	2059		3				2
AMENIA	0196	CASS	11	47 00	97 13	960	4	4				1 2 3
AMIDON	0209	SLOPE	1	46 29	103 19	2910	32	32				1 2 3 C
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540						C
ARVILLA STATE PARK	0369	GRANDFORKS	10	47 56	97 30	960	10	10				1 2 3
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2025	58	58				1 2 3 C
BALFOUR	0492	MCHENRY	12	47 57	100 32	1615						C
BALTA	0500	PIERCE	11	48 10	100 02	1550		3				2
BANTRY	0516	MCHENRY	12	48 30	100 36	1458		3				2
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	-	-				1 2 3 C
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	9	9				1 2 3 C
BELFIELD	0639	STARK	4	46 53	103 11	2592	36	36				1 2 3
BERTHOLD	0729	WARD	12	48 19	101 44	2080		3				2
BEULAH	0766	MERCER	6	47 16	101 47	1780		39				2 C
BISBEE	0796	TOWNER	2	48 37	99 22	1600	51	51				1 2 3
BISMARCK	0814	BURLEIGH	8	46 48	100 48	1670	79	79			JAN	1 2 3
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	14	14				1 2 3 C
BISMARCK 12 ENE	0827	BURLEIGH	8	46 51	100 33	1709				APR		2
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1640	62	62				1 2 3
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	28	28				1 2 3
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2980	39	39				1 2 3 C
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	2810		2				2
BOWMAN 30 NNW	1001	SLOPE	7	46 35	103 31	2505		2				2
BREIEN	1052	MORTON	1	46 24	100 56	1720		-				C
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		1				2
BURT 16 N	1216	HETTINGER	1	46 36	102 08	2344		2				2
BUTTE	1225	MCLEAN	12	47 50	100 40	1880	29	29				1 2 3
CANOD	1288	TOWNER	2	48 29	99 12	1481						C
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	56	56				1 2 3
CARSON	1365	GRANT	4	46 25	101 34	2300						C
CARSON NO. 2	1370	GRANT	4	46 25	101 34	2331	42	42				1 2 3
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	18	46				1 2 3
CENTER	1456	OLIVER	8	47 07	101 18	2100	16	16				1 2 3
COLGATE	1686	STEELE	10	47 14	97 39	1180		20				2
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		3				2
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	57	57				1 2 3
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		20				2
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	47	47				1 2 3 C
DAWSON	2018	KIDDER	8	46 52	99 45	1730						C
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	90 52	1471	49	78	3			1 2 3 4C
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2595	13	13				1 2 3 4C
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	62	62	-			1 2 3 4
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		3				2
DRAKE	2298	MCHENRY	12	47 55	100 22	1634	24	24				1 2 3
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	55	55				1 2 3
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	48	48				1 2 3
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	53	53	-			1 2 3 4C
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1520	30	30				1 2 3
ELBOWOODS	2570	MCLEAN	8	47 35	102 09	2082	61	61				1 2 3
ELGIN 5 S	2592	GRANT	1	46 21	101 49	2241		3				2
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	55	55				1 2 3
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	1	1				1 2 3
EPPING	2735	WILLIAMS	8	48 17	103 21	2224	45	45				1 2 3
ESMOND	2767	BENSON	11	48 02	99 46	1650						C
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		26				2
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	73	73				1 2 3 C
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	42	42				1 2 3
FLASHER	3009	MORTON	1	46 27	101 14	1930		4				2
FLAXTON	3019	BURKE	12	48 54	102 23	1940		3				2
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	1988		2				2
FORMAN	3117	SARGENT	10	46 06	97 39	1249	62	62				1 2 3
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	54	54				1 2 3 C
FOXHOLM 7 N	3217	WARD	12	48 27	101 34	1609	29	33				1 2 3
FRYBURG 1 NE	3277	BILLINGS	4	46 53	103 18	2742						C
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	56	56				1 2 3
GACKLE	3309	LOGAN	5	46 38	99 08	1951	23	23				1 2 3
GARRISON	3376	MCLEAN	8	47 38	101 25	1911	77	77				1 2 3
GLEN ULLIN	3496	MORTON	4	46 49	101 49	2090						C
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		3				2
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		3				2
GRACE CITY	3583	FOSTER	5	47 33	98 48	1495						C
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 25	827	62	62				1 2 3
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	13	13				1 2 3 C
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	63	63				1 2 3
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 28	98 21	1360	3	3				1 2 3
GRANO	3676	RENVILLE	12	48 37	101 35	1625						C
GRANVILLE	3686	MCHENRY	12	48 16	100 51	1504	47	47				1 2 3
GRASSY BUTTE	3696	MCKENZIE	7	47 24	103 14	2660						C
GRASSY BUTTE 10 N	3701	MCKENZIE	7	47 31	103 14	2497		3				2
GRENORA	3736	WILLIAMS	8	48 37	103 59	2114	45	45				1 2 3
HALEY	3836	BOWMAN	3	45 58	103 08	2695						C
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		12				2 C
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	25	25				1 2 3
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428						C
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	60	60				1 2 3
HANSBORO	3963	TOWNER	9	48 57	99 23	1600	46	46				1 2 3
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		51				2
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550						C
HAZELTON R R STATION	4083	EMMONS	8	46 29	100 17	1978						C
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	47	47				1 2 3
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	2610						C
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	48	48				1 2 3
HURDSFIELD	4343	WELLS	5	47 27	99 55	1915						C
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	13	13				1 2 3 C
JAMESTOWN ST. HOSPITAL	4418	STUTSMAN	5	46 53	98 41	1457	62	62				1 2 3
KEENE 2 S	4571	MCKENZIE	8	47 54	102 56	2346		3				2
KENMARE	4646	WARD	12	48 40	102 05	1800	22	22				1 2 3 C
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 16	98 52	1440	13	13				1 2 3
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		3				2
KRAMER 5 SE	4823	BOTTINEAU	12	48 39	100 37	1457						C
KULM	4843	LA MOURE	5	46 18	98 57	1970		2				2
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 20	1615	58	58				1 2 3
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		3				2
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	61	61				1 2 3
LEEDS	5078	BENSON	2	48 17	99 26	1515	13	13				1 2 3
LEFOR 10 E	5088	STARK	4	46 38	102 21	2545		3				2
LINTON	5210	EMMONS	8	46 16	100 14	1685	37	37				1 2 3
LISBON	5220	RANSOM	11	46 26	97 42	1089	50	50				1 2 3
LITCHVILLE	5230	BARNES	11	46 39	98 11	1467		2				2
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	2	2				1 2 3
MADDOCK AGRI. SCHOOL	5434	BENSON	11	47 58	99 30	1604	39	39				1 2 3
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	40	40	-			1 2 3 4C
MANDAN FT. LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	10	10				1 2 3
MANNING	5519	DUNN	6	47 14	102 46	2219						C
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	41	45				1 2 3
MARMARTH M.D.U. CO.	5575	SLOPE	7	46 18	103 55	2710						C
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		4				2
MAX	5638	MCLEAN	8	47 49	101 17	2093	25	25				1 2 3
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	58	58				1 2 3
MCCLUSKY	5710	SHERIDAN	8	47 29	100 28	1943	29	36				1 2 3
MCGREGOR R R STATION	5720	WILLIAMS	8	48 36	102 56	-						
MCHENRY 5 N	5730	EDDY	11	47 38	98 35	1509	31	31				1 2 3
MCLEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	42	42				1 2 3
MCVILLE	5764	NELSON	10	47 46	98 10	1467		10				2
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	1795		13				2
MEDORA	5803	BILLINGS	7	46 55	103 31	2270						
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	-	-				1 2 3
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		2				2
MELVILLE	5833	FOSTER	5	47 20	99 02	1625						
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	58	58				1 2 3
MINOT EXP. STA.	5993	WARD	12	48 10	101 18	1720	8	8				1 2 3
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760		11				1 2 3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	60	60				1 2 3
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	1379		13				2
MOTT	6155	HETTINGER	1	46 23	102 20	2420	47	47				1 223
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	6	6				1 2 3
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	62	62				1 2 3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	62	62				1 2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		4				2
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	50	50				1 2 3
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	1	1				1 2 3
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		3				2
NORTHGATE	6535	BURKE	12	49 00	102 16	1850						C
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	1508		2				2
OAKES	6620	DICKEY	5	46 08	98 05	1320	25	25				1 2 3 C
PARK RIVER	6857	WALSH	10	48 23	97 45	998	50	50				1 2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	22	39				1 2 3
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	80	80				1 2 3 C
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	10	23				1 2 3
PETTIBONE	7047	KIDDER	8	47 07	99 32	1860	45	45				1 2 3 C
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		2				2
PORTAL	7201	BURKE	12	49 00	102 33	1954	40	40				1 2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	28	49				1 2 3
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		13				2
RAUB	7405	MCLEAN	8	47 44	102 04	1885						C
REEDER	7450	ADAMS	3	46 06	102 57	2810		3				2
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2784		4				2
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2470	38	38				1 2 3 C
RIVERDALE	7585	MCLEAN	8	47 30	101 21	1910	-	-	-			1 2 3 4C
ROLETTE	7655	ROLETTE	12	48 40	99 50	1625						C
ROLLA	7664	ROLETTE	9	48 52	99 37	1819	16	16				1 2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6	25				1 2 3
RYDER	7749	WARD	8	47 55	101 40	2108		25				2 C
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	2	2				1 2 3
SARLES 1 SW	7844	CAVALIER	9	48 56	99 00	1602						C
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		2				2
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		17				2
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		2				2
SHARON	7986	STEELE	10	47 36	97 54	1516	27	30				1 2 3
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6				2
SHEYENNE	8057	EDDY	11	47 50	99 07	1480						C
SHIELD	8065	GRANT	1	46 14	101 07	-		3				
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	16	16				1 2 3 C
STEELE	8366	KIDDER	8	46 51	99 55	1857	60	60				1 2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1634		2				2
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		25				2
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		25				2
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		3				2
TOWNER	8792	MCHENRY	12	48 21	100 24	1482	52	52				1 2 3
TROTTERS 6 WNW	8807	MCKENZIE	13	47 21	104 01	2420		28				2
TROTTERS 3 S	8812	GOLDEN VALLEY	13	47 17	103 54	2420						C
TURTLE LAKE	8840	MCLEAN	8	47 31	100 53	1899	40	40				1 2 3
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		45				2
UNDERWOOD	8877	MCLEAN	8	47 27	101 08	2026	29	42				1 2 3
UPHAM 3 N	8913	MCHENRY	12	48 37	100 44	1425	13	13				1 2 3 4
UPHAM 3 W	8918	MCHENRY	12	48 35	100 47	1440				APR	OCT	1 2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	49	49				1 2 3
VELVA	8990	MCHENRY	12	48 03	100 55	1511	27	27				1 2 3
VERONA	9035	LA MOURE	5	46 22	98 05	1382		13				2
WAHPETON POWER PLANT	9095	RICHLAND	10	47 16	96 36	962						C
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	62	62				1 2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		13				2
WARWICK	9185	BENSON	11	47 51	98 42	1475		2				2
WASHBURN	9195	MCLEAN	8	47 17	101 02	1770	51	51				1 2 3
WASHBURN WATER WORKS	9205	MCLEAN	8	47 17	101 02	1730						C
WATAUGA, S. D. 8 N	9219	GRANT	1	46 02	101 34	2074		3				2
WATFORD CITY	9233	MCKENZIE	8	47 48	103 17	2084	41	41				1 2 3
WATFORD CITY 11 E	9238	MCKENZIE	8	47 47	103 02	-						C
WATFORD CITY 14 S	9246	MCKENZIE	7	47 36	103 17	-	1	2				1 2 3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	48	48				1 2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		24				2
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 37	1877	75	75				1 2 3 C
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	62	62				1 2 3
WILTON R R STATION	9455	MCLEAN	8	47 09	100 48	2159	19	19				1 2 3
WISHEK	9515	MCINTOSH	8	46 16	99 34	2010	33	33				1 2 3
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	1871		2				2
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		3				2

‡ DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED. 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

Data for recorder stations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".

-	No record.
+	Also later date (dates) or months.
*	Amount included in following measurement.
//	Gage is equipped with a windshield.
B	Adjusted to full month.
E	Amount is wholly or partially estimated.
M	Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
R	Data from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

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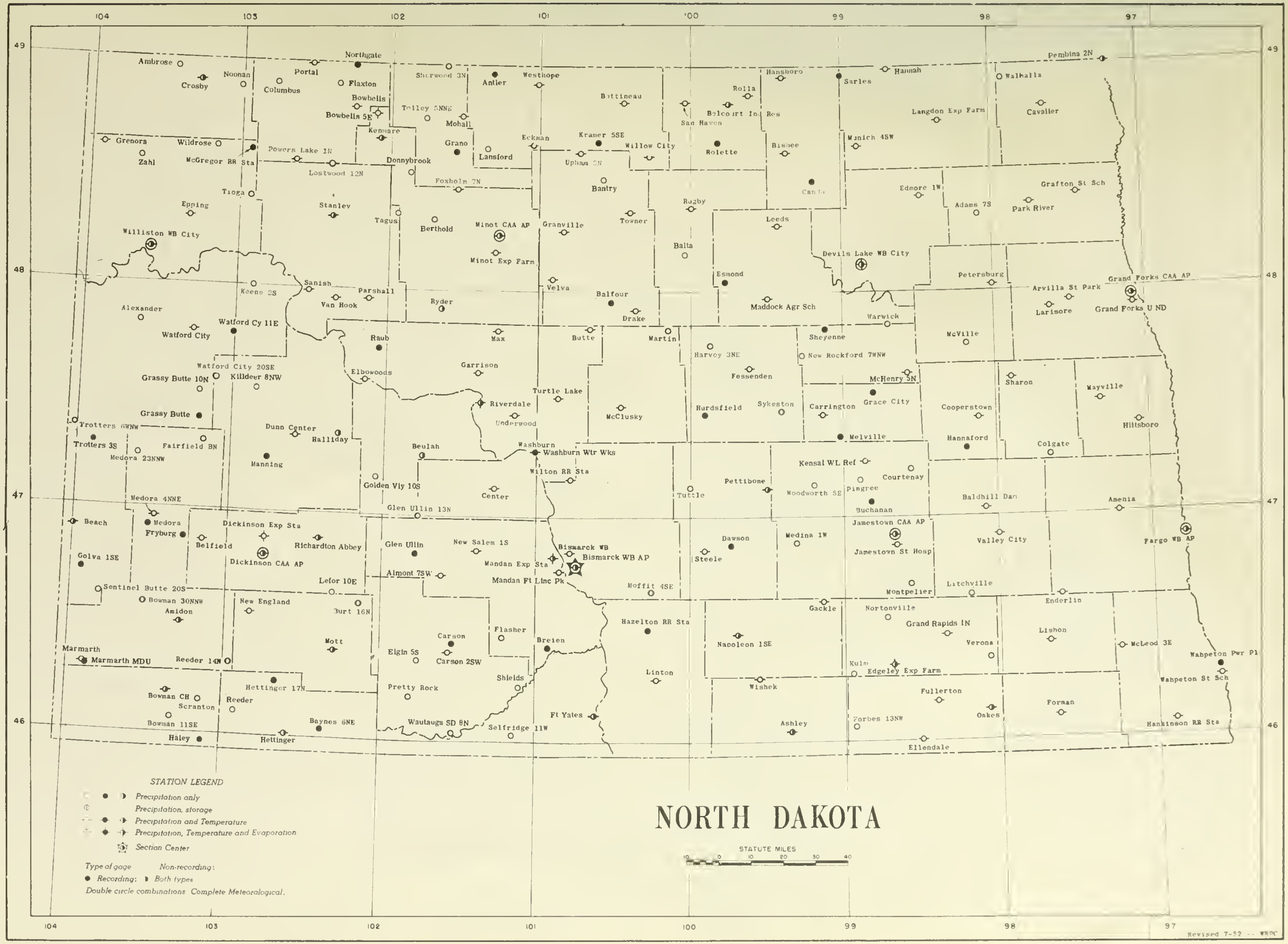
WRPC, KANSAS CITY, MO., -- 1-9-54 -- 1060

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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